

DRUGGIST

DATE

DATE

The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

APRIL 20 1957

'SEA-LEGS'

TRADE MARK



- One dose gives immunity from travel sickness for 24 hours
- No dry mouth or blurred vision
- Safe and effective for children of all ages

RETAILING AT 2/6
A B.D.H. PRODUCT



Is it in the bag?



**Make certain all your customers
take Acriflex with them on holiday**

Acriflex

**The antiseptic cream for injuries, cuts,
abrasions, burns, severe sunburn, etc.**

DISPLAY OFFER SUMMER 1957. The following
advantageous display terms are offered for a limited period:—

ORDER. *Assorted as desired*

6 dozen and over

12 dozen and over

BONUS

1 free in each complete dozen

2 free in each complete dozen

Order for this display offer may be included within
our standard £15 discount parcel. Normal carriage terms.

**1957
will be
a
bumper
year
for
'SAXIN'
sales**



When signs say
'DIET!'
Life can still
be sweet with
'SAXIN'

Even if you're a 'sweet tooth'
you can still follow a strict,
keep-slim sugarless diet —
with 'Saxin'.
'Saxin' is the sweetener
that leaves no bitter taste.
One tablet is equal to a
large lump of sugar with,
of course, no danger
to your waistline.

*Just mail this coupon to
Burroughs Wellcome & Co.,
183 Euston Road, London, N.W.1
for a free sample of 'Saxin'.*

POST
THIS
COUPON
TODAY

FREE SAMPLE OFFER

NAME

ADDRESS

'SAXIN'

TRADE MARK

 A BURROUGHS WELLCOME PRODUCT 4524

The biggest-ever advertising campaign for 'SAXIN' will be launched this spring. National newspapers, Women's magazines and Commercial T.V. will offer free samples of 'SAXIN', the sugar substitute for waist-line reducers.

We are prepared for a big response—make certain that you are stocked-up to meet the demand that is sure to follow the advertising. Send your order now. Ask our representative for full details of show material available.

BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON 4720

TO INCREASE YOUR SALES!

EKCO *Superbath*

Made in warm soft polythene, light in weight, wide and deep with moulded-in soap and sponge tray. It has a 'baby-proof' plug for easier emptying and a handsome folding dual-purpose, polished beechwood stand which can also be used for a 'carry-cot'.
In Blue, Pink or Natural.

Bath **54/11**

Dual-purpose Stand **35/-**



*This is the
support
EKCO
offer you:*

*announcing the **EKCO***

'PICTURE BABY' competition

with handsome prizes for YOU and your customers

For the
'Picture Babies.'

For the Dealer who sells
the SUPERBATH to the
'Picture Baby' winners.

1ST. PRIZE £100 + £50

2ND. PRIZE £50 + £25

3RD. PRIZE £25 + £12

Plus prizes for the Wholesalers
who supply the winning baths.

THE COMPETITION IS SIMPLE

All your customers have to do is complete an entry form and post it with a photograph of their baby and the tie-on LABEL from an EKCO SUPERBATH TO EKCO PLASTICS LTD.

The Competition lasts from April 1st to December 31st, 1957.

**... POWERFUL
COMMERCIAL T.V.
ADVERTISING**

Magazine Programmes on *all stations*

**... PRESS
ADVERTISING IN
'BABY' MAGAZINES**

with special 'Mother' appeal

**... ATTRACTIVE
NEW DISPLAY
MATERIAL**

including full colour showcards

★ Take full advantage of this wide-scale sales promotion campaign by featuring this Competition and the Ekco Superbath prominently in both your window and Showroom.
★ Order today extra supplies of the Superbath and other Ekco Nursery Ware, also ask your Wholesaler for supplies of the new sales aids or write direct to:

EKCO PLASTICS LTD • SOUTHEND-ON-SEA • ESSEX

PHOTOGRAPHIC CHEMICALS

BROMIDES

HYDROQUINONE

METOL

POTASSIUM IODIDE

PYROGALLIC ACID

'COLLETT' SULPHITES

ANHYDROUS POWDER—PEA CRYSTALS

SPOT DELIVERY & ON CONTRACT

DISTRIBUTORS:

R. W. GREEFF & CO., LTD.

HEAD OFFICE

GARRARD HOUSE - 31/45, GRESHAM STREET, LONDON, E.C.2
MONarch 1066 (12 Lines)

Wires: Greeff, Cent. London

Telex 2-2590

and at

THE ROYAL EXCHANGE, MANCHESTER

Blackfriars 9407-8 Wires: Greeff, Manchester



AUROLAL FAST SELLERS COLD WATER DYES

30 brilliant, favourite shades. Orders or one gross bring you a free Counter Display Cabinet on request. Easy 'look-and-choose' opportunity for your customers. Shade Cards and Showcards also available.

48/- per gross: Retail 6d. per packet.
Less 5% for cash in 7 days.

WHITAKER & CO. (KENDAL) LTD.
DYE AND CHEMICAL MANUFACTURERS — KENDAL



'IMPACT' advertising
creating new sales records!

NERVONE

The New Nerve Nutrient

T.V. 'spots' on London and Midlands stations are now adding 'IMPACT' to the hard-selling press, poster and theatre campaign. Are your stocks of 'NERVONE' adequate?

OBTAINABLE FROM WHOLESALERS EVERYWHERE

Culmak

SHAVING BRUSHES

TRADE **'VERLOG'** MARK
SURGICAL ELASTIC HOSIERY
Belts, Trusses, Suspensory Bandages, etc.
ATHLETIC SUPPORTS
Knee Caps, Anklets, Jockstraps
THOS. GLOVER & SON, LTD., CARLTON, NOTTINGHAM
Tel.: 58227 (2 lines). 'Grams: Verlog, Nottingham'

Simpkins

GO
I.T.V.!

SENDING YOU
STILL MORE CUSTOMERS



MILLIONS MORE
WILL NOW BE ASKING
FOR VITA GLUCOSE
AS A RESULT OF A
REGULAR SATURDAY
EVENING TELEVISION
PROGRAMME ON LONDON,
MIDLANDS, LANCASHIRE
AND YORKSHIRE CHANNELS

—AND AT
SPORTS TIME TOO!

BE READY FOR
THE DEMAND

THIS IS AUTOMATION!

An entirely NEW AND MODERN CHEMIST MAILING SERVICE now offers you the obvious advantages of personally addressed letters to chemists with your own 2-colour headings, faultlessly printed and matched in one run—Coloured Reply Cards with recipient's name and address filled in for him—Automatic folding, envelope addressing and filling—with no extra charge for use of lists and substantial savings in Purchase Tax and at costs and speeds believed impossible.

You can increase SALES and GOODWILL with your best Customer—THE CHEMIST!

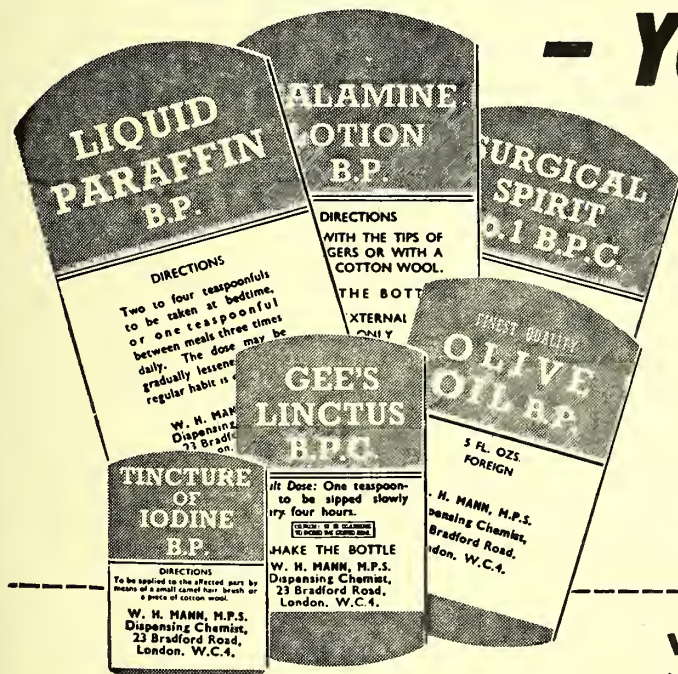
MAIL ADVERTISING SERVICES (MAS) LTD., 351 City Road, London, E.C.1
Telephone: TER 2543

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(continued overleaf)

put a good name behind your product — YOUR NAME !



Let us supply you with your own pharmaceutical products, packed and labelled with your name—all laboratory tested at every stage.

Increase the goodwill of your customers by using our comprehensive pharmaceutical service. We shall be happy to send you price list and samples of our wide range of specially designed labels.

W. B. CARTWRIGHT LTD.,
Manufacturing Chemists
RAWDON • LEEDS

* Specimens of the many types of labels available for use on your counter-sale products.

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THE Advantages



of "Disprin"

The advantages of Disprin as an analgesic are:—

- 1** Disprin is soluble
- 2** Disprin is substantially neutral

Disprin is therefore quick-acting and far less likely than ordinary aspirin to upset the stomach.

Week after week these advantages are made known to millions of readers of the national daily papers, the national Sunday papers and to

viewers of commercial television in London, the Midlands and the North.

Week after week more people ask for Disprin for the relief of headache, neuralgia, sciatica, colds, rheumatism and kindred ailments.

RETAIL PRICES

(inc. P.T.)

50-tablet bottle 3/3 26-tablet bottle 1/11½
8-tablet foil 9d.

TRADE PRICES

(exc. P.T.)

50-tablet bottle 23/- doz. 26-tablet bottle 13/10 doz.
8-tablet foil 5/2 doz.

RECKITT & COLMAN LTD. HULL AND LONDON (PHARMACEUTICAL DEPT., HULL)



APISÉRUM

the famous Royal Jelly solution
stabilised by de Belvefer's
patented process

*is now available
from the Continent*



*Boxes of 24
5 c.c. ampoules*

Granted French Ministry of Health Visas 20523 b - P-35.879-881

Orders and enquiries to National Distributors:

**MAPLETONS NUT FOOD CO. LTD.,
GARSTON, LIVERPOOL 19
(24 HOUR POSTAL SERVICE)**

Sole Importers : APISERUM, IMPERIAL HOUSE DOMINION STREET LONDON, E.C.2



This line is available most attractively presented under ten different designs supported by display material,

Our representatives will give you further details, or if you care to write direct (Sales Department) we shall be happy to send you samples of Adults and Children's Travel Sickness Tablets.

**GO BY QUALITY—
GO BUY**



ARTHUR H. COX & CO. LTD., BRIGHTON.

*"Summer is ycumen in
Loude sing Cuckoo!"*

(13th cent. song)

... and with the summer the Hay Fever season, when you can expect a considerable demand for Pabracort insufflations. Pabracort (hydrocortisone acetate) has proved its value in the control of Hay Fever both by clinical trial and in general practice. Supplies are available through your usual wholesaler or direct from Paines & Byrne Limited.

Reference: Lancet (1956) i., 537



PABRACORT

INSUFFLATIONS

Packings and basic N.H.S. prices: Capsules, 10-12/8; 25-29/4; 100-114
Pabracort insufflation outfit (comprising 10 capsules and insufflator) 15

PAINES AND BYRNE LTD., PABYRN LABORATORIES, GREENFORD, MIDDLESEX

At last!

A safe and really effective DENTAL PENCIL



Puts a sparkle in your smile!



Each pencil supplied on its own miniature showcard.

* * * * *

**ORDER
FROM YOUR
WHOLESALE**



Retail
13^d

All wholesale enquiries to:—

ALFRED FRANKS & BARTLETT CO. LTD.,
226/8 Grays Inn Road, London, W.C.1.

Tel: TERminus 9865/8

Hallex



*Black, White Pearl, Coral Bell,
Reed Yellow, Court Grey and Verbena . . .
these six gay colours from the well-known
HOUSE AND GARDEN contemporary range
have been chosen as the . . .*

NEW **HALEX** Spring Colours

SIX MODERN COLOURS designed to catch the eye and hold it . . . ! Designed, too, to match the spirit of today's trend towards lighter, brighter colours — in fashion, in home decoration and in furnishing. For the moment, these new colours will be confined to the E.114 Caress Set — which will, of course, still be available in the pearl range of colours as well. The sets (attractively styled hairbrush, hand mirror and comb) are gaily packed in new transparent presentation boxes. Order them and display them while Spring's still in the air . . . !

Reed Yellow

Black

Court Grey

White Pearl

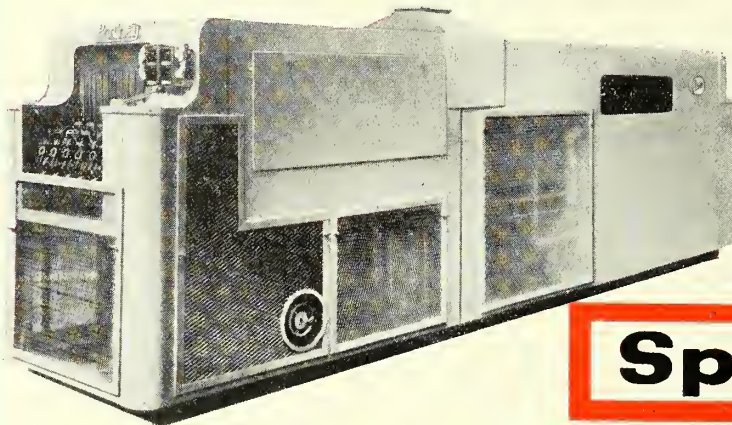
Verbena

Coral Bell

Contemporary
CARESS
by **HALEX**

RETAIL PRICE
(inc. tax)

22' -

Clean as a whistle*Dry as a bone ...*

That is how the Spartan Hydro bottle washing and drying machine turns them out. It minimises absolutely the risk of the odd unsterile package—delivering bottles—bright and bone dry—at an hourly rate of between 1200 and 3600. It is totally enclosed, easily accessible, fitted for variable speeds, and delivered as a complete unit. Built by specialist engineers, it is simple to instal, and particularly suitable for the Pharmaceutical industry

Spartan

HYDRO BOTTLE WASHING AND DRYING MACHINE

For all conditions at home and abroad, for all sizes and type of bottle, and for care and economy of operation SPARTAN is the answer

R. POWLEY & SONS LTD. Dept. 6/C, St. Mark's Rd. Sunderland, England

Tel. 4846-7

Grams & Cables: "Powley" Sunderland

Good profits—



You don't have to stock Lastonet because there are no stock sizes. Each stocking is made (in nylon or cotton elastic net) to the patient's measurements. Hence the great Lastonet reputation for perfect fit. Two more good reasons for ordering Lastonet—quick delivery and excellent profit margin. Lastonet can be supplied against ordinary NHS prescription, and every stocking is guaranteed for 6 months. Write for stocking measurement forms and display material.

no risk

Lastonet

LASTONET PRODUCTS LIMITED
CARN BREA, REDRUTH, CORNWALL

ELASTIC NET STOCKINGS

SMALLER SIZE TRESS



Heavy advertising in
'WOMAN'
'WOMAN'S OWN'
'DAILY MIRROR' etc.
will reach
15,000,000 WOMEN
—widening the market for this
fast-selling wave-set

TRESS, already one of the biggest selling wave sets, reaches an even wider market with the addition of this half-size pack. Be sure you have stocks to meet an entirely new demand for 1/9d Tress. The large size still continues in demand by enthusiasts who have formed the habit of buying Tress at 2/10½d per bottle.

TRADE TERMS

SMALL SIZE
Price 8/10d
per dozen bottles
plus 90% tax
selling at 1/9d per bottle.

LARGE SIZE
Price 14/5d
per dozen bottles
plus 90% tax
selling at 2/10½d per bottle.

GOLDEN LIMITED, 7 GROSVENOR STREET, LONDON, W.1. Hyde Park 1671

Trade Enquiries for the Republic of Ireland should be addressed to: Lilmar Pharmaceuticals, Ltd., Santry, Dublin.

This is **THE PACK** for
YOUR dispensary

SPECIAL PARCEL

12 BOXES OF SUPPOSITORIES SENT

POST FREE!

to your address and charged through YOUR USUAL WHOLESALER

E.G. 6 Boxes of Suppos. Bism. Subgall. 6 Boxes of Suppos. Bism. Subgall. Co.

Manufactured and Packed in the Laboratories of:

RICHARD DANIEL & SON LTD.

MANSFIELD ROAD, DERBY, Tel. 40671 (8 lines) and at GROSVENOR STREET, ASHTON-U-LYNE, Tel. 2816 (3 lines)

**CONTINUOUS
PERFORMANCE**

MANESTY

AUTOMATIC WATER STILLS

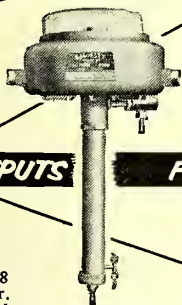
Manesty Automatic Water Stills are available with outputs from 2 pints to 50 gallons per hour and models can be supplied with heating by gas, electricity, paraffin or steam.

Distilled water produced is above the requirements of the British Pharmacopoeia.

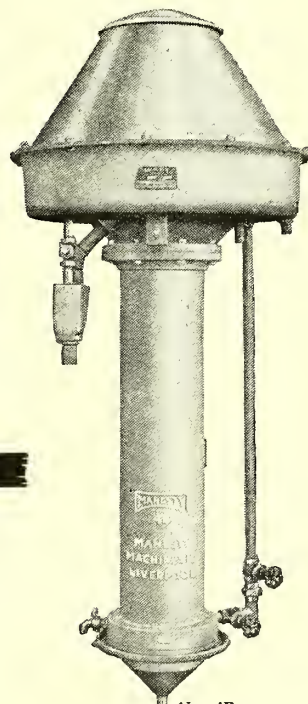
OUTPUTS

FROM 2 PINTS TO 50 GALLONS PER HOUR

Simple to install, Manesty Machines ensure a constant supply of fresh pure distilled water. No storage, handling or transport problems arise and to save further floor space a wall bracket is provided for each model.



**OOB
ELECTRIC**
Output 6 to 8
pints per hour.
The OOB and
OB models can now be supplied in a
vitreous and chrome finish.



**No. 4B
STEAM
HEATED**
Output 50
gallons per hour.

FULLY ILLUSTRATED LEAFLETS ON REQUEST

MANESTY MACHINES LIMITED

5 EVANS ROAD, SPEKE, LIVERPOOL 19. Telephone: HUNts Cross 1972. Telegrams: Manesty, Liverpool 19.

TABLET MACHINES • COATING PANS • MIXERS • DRYING OVENS • PUNCHES and DIES • GRANULATORS

Millions of Honey Pot FLYCATCHERS

are sold each Summer

EXPERIENCE proves there is no better way of catching flies

Proved over the years, more and more people are returning to the foolproof method of flycatching.

- ★ Shiny and attractive to flies, Honey Pot Flycatchers capture them by the hundred.
- ★ Hygienic—traps them and holds them fast for good.
- ★ Barrel impregnated with D.D.T.
- ★ Guaranteed to remain fresh in store.
- ★ Supplied in eye-catching 3 doz. and 6 doz. Counter Display boxes.

There's plenty of profit for YOU

Stock up NOW and ensure that this Summer is a record Sales Success with this rapid turnover line.

Honey Pot FLYCATCHERS

Order NOW from your usual wholesale supplier or direct from

KAY BROTHERS LIMITED • REDDISH • STOCKPORT

Selling price to public 3d. each

TO RETAILERS

Under 3 gross

27s. per gross.

3 gross and over

24s. per gross.

VIPER FLYCATCHERS

It is regretted that these are no longer available.



T13



"Eagle" Brand Chemicals

PHOTOGRAPHIC CHEMICALS
SODIUM METABISULPHITE
SODIUM HYPOSULPHITE
(Crystals and Anhydrous)
SODIUM SULPHITE
(Crystals and Anhydrous)
EPSOM SALTS B.P.
GLAUBER SALTS B.P.
PRECIPITATED SULPHUR B.P.
ACCUMULATOR ACID

Enquiries Invited

JOHN RILEY & SONS, LTD
HAPTON, NR BURNLEY

Grams: "Rileys" Hapton

Phone: Padiham 290/4



The **NEW RINSE**

Millions of Women

are seeing 'Smoke' advertisements
in CINEMAS, MAGAZINES
and NEWSPAPERS

THE RINSE THAT PUTS
GLAMOUR in GREY HAIR
—NO BLUE—NO MAUVE



Retail Price **5/6** per bottle
26/8 per doz. plus tax

A **Harlene** PRODUCT

STOCK UP TODAY!

EDWARDS HARLENE LTD., 58 GOUGH STREET, LONDON, W.C.

The 'COMMON COLD'

— a new approach

DILACOL

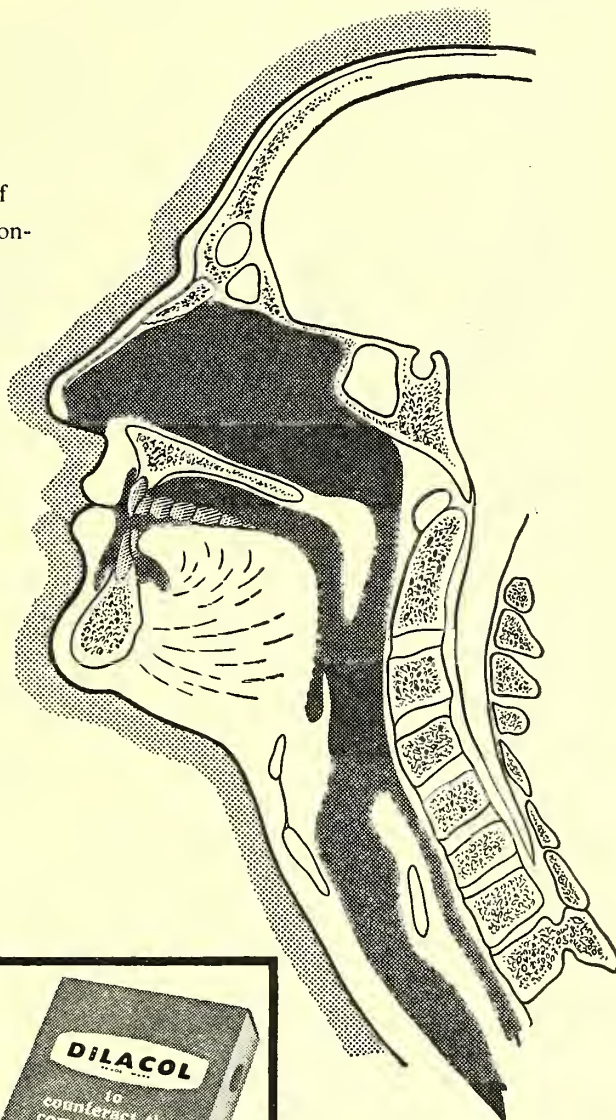
TRADE MARK

DILACOL reverses the previously favoured method of symptomatically treating the common cold with a vasoconstrictor. Instead, DILACOL has as one of its principal ingredients a powerful **vasodilator** in the form of 'Perdilatal' (used in the treatment of peripheral vascular diseases).

The administration of this vasodilating substance increases vascularity of the nasal mucosa, thus leading to a more copious secretion followed by a rapid relief of the symptoms—as opposed to a mere “drying-up” of the vessels.

DILACOL is in category 4 and therefore prescribable under N.H.S. It may, however, be bought over the counter without prescription.

This time of the year shows increasing turnover in products designed to counteract the common cold. By recommending this new way of counteracting “colds” you will have return business—as well as the thanks of your customer.



	Trade Price	Retail Price	
Cartons of 24 tablets (individually wrapped)	31/8d. per doz.	4/9d. each	} Inc. P. Tax
Box of 480 tablets (individually wrapped)	47/6d. each	85/6d. each	
Containers of 500 tablets (not individually wrapped)	39/2d. each	70/6d. each	

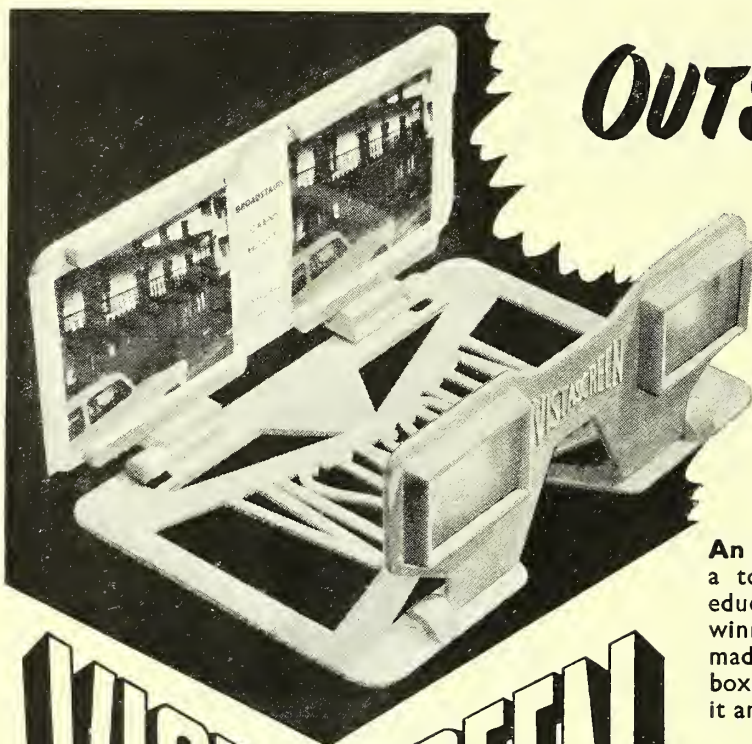
Subject to P.T. at 30%

These prices are subject to the usual wholesale discount.



SMITH & NEPHEW LTD, WELWYN GARDEN CITY · HERTS

an
S&N
product



OUTSTANDING VALUE • APPEAL • PROFIT

An outstanding A.P.F. line — more than a toy, a novelty with real interest and educative value. At this price, a sure winner. Neat and compact and strongly made in rich polystyrene plastic. Individually boxed for easy handling. Stock it, display it and—watch the sales roll in!



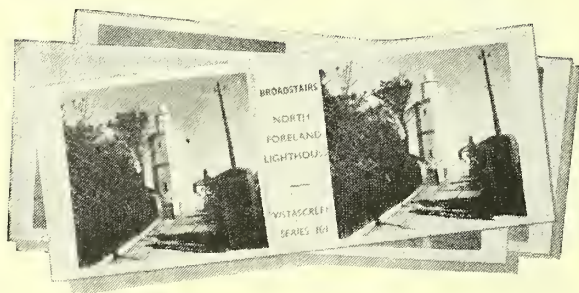
3-DIMENSIONAL VIEWER

only

2/6

retail

follow up sales with the **VISTASCREEN 3-D VIEWS**



Almost 100 sets of ten pictures, each set separately boxed. Beauty spots... Historic houses... Glamour models... Animals for the children. They're natural, inevitable sales to follow the sale of a viewer. At only 2/6 a set they'll be one of your 'best sellers' ever!

per

2/6

set

Order from your Wholesaler now.

THE VISTASCREEN CO. LTD.

16 SOHO SQUARE, LONDON, W.1. Phone: COVent Garden 3333

(A Member of the Capital Group of Companies)

Announcing 'Sulmezil' V

A new formulation containing Penicillin V and 'Sulphamezathine'

A NEW FORM of 'Sulmezil' is now available—'Sulmezil' V. The 'V' indicates that it contains penicillin V, the acid stable form of penicillin which is rapidly and efficiently absorbed and gives consistent and reliable blood levels. This form of penicillin has proved to be markedly superior in these respects to other oral penicillin preparations.

Combined with penicillin V is 'Sulphamezathine', which has been widely accepted for many years on account of its high potency coupled with low toxicity. It is undoubtedly the best sulphonamide for routine use.

'Sulmezil' V tablets present these two drugs in a single easily-administered form. Each tablet contains 60 mg. of penicillin V (Calcium Salt) and 0.5 g. of 'Sulphamezathine'. In packs of 25, 100 and 500.

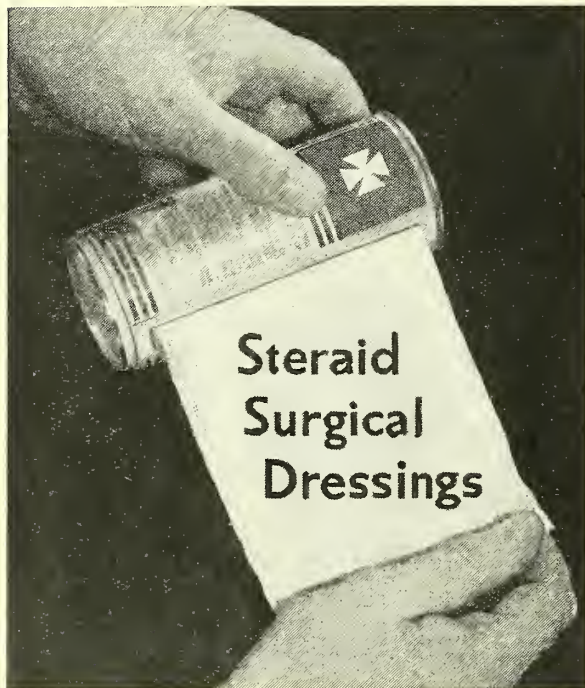


Ph. 734

'Sulmezil' V tablets

IMPERIAL CHEMICAL INDUSTRIES LIMITED Pharmaceuticals Division Wilmslow Cheshire

*Look at this
dressing!*



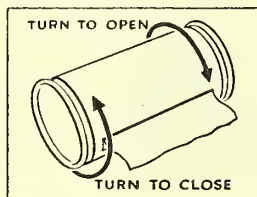
... It is STERAID GAUZE being drawn out of its patent container ready to be snipped off.

What a convenience this could be to your Doctor and other customers: they would readily buy their Dressings in this simple and effective device . . . so very much superior to the ordinary packets.

STERAID DRESSINGS are made up in Gauze and Lint (Plain and Boric) in Display outers, each of twelve containers.

Enter a trial order through your Wholesaler. Your customers will appreciate the utility of this excellent product.

After use, one slight turn at the base will return the dressing to the container, enclosing it completely from any contamination, ready for further use . . .



ROBERT BAILEY & SON, LTD.
SURGICAL DRESSINGS MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
Phone: STEPPING HILL 3006/7 Gram: "UNDISPUTED" STOCKPORT

HOME TRADE

JKL

EXPORT

MENTHOL IPECAC QUILLAIA

and all other Botanicals, Gums,
Waxes, Essential Oils and Spices

JOHN KELLYS (LONDON) LTD.
24 OLD BROAD STREET, E.C.2

Telephone: LONDON Wall 6585 (4 lines)

Telegrams: "Ergotine, Stock, London"

NEW YORK • HAMBURG



CORKS

PRESCRIPTION BOTTLES

require top grade cork stoppers which permit no leakage.

Chemists who know from experience, continually specify Robinson Corks — the first class quality never varies.

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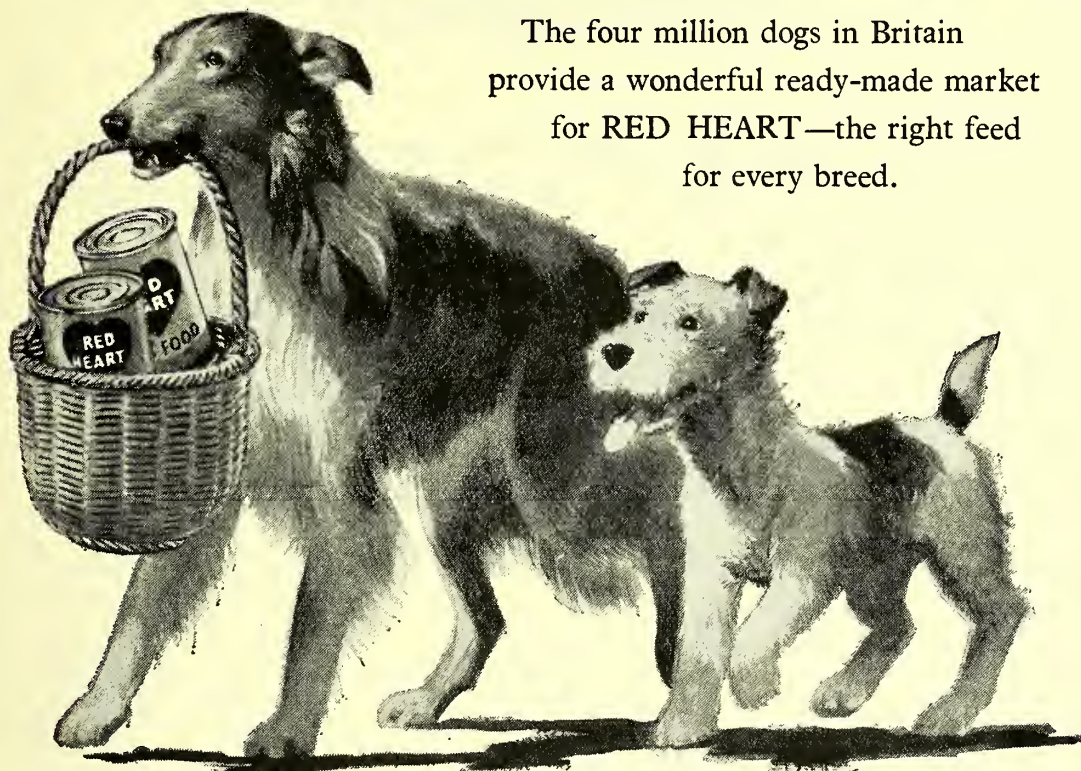
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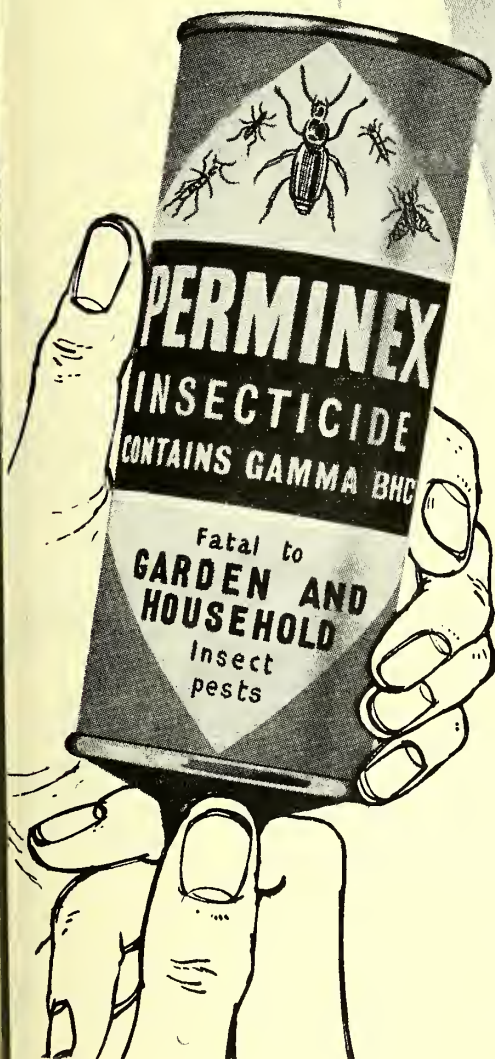
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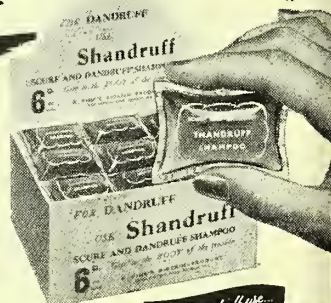
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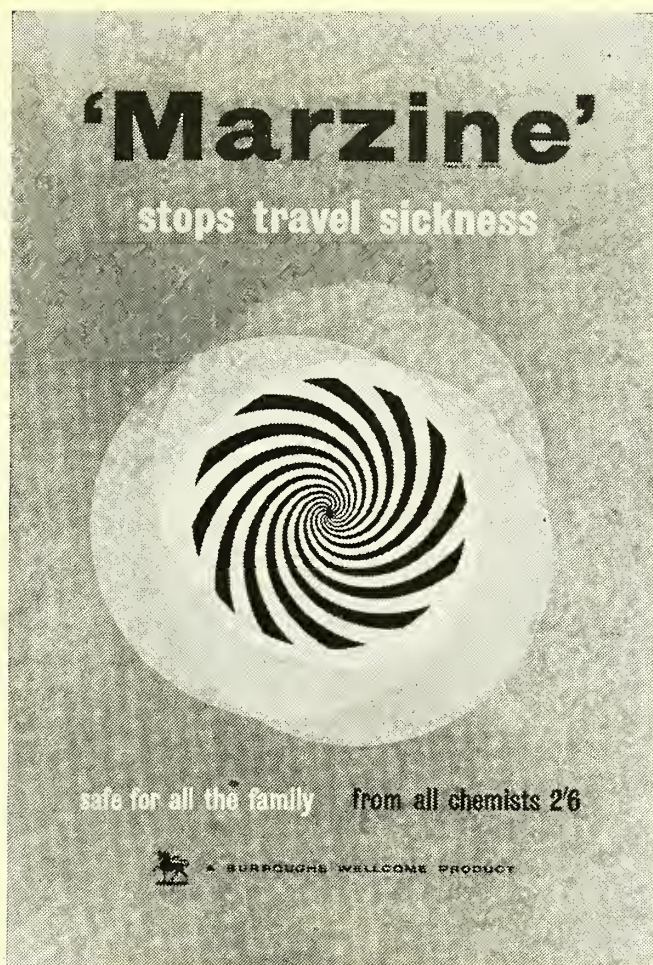


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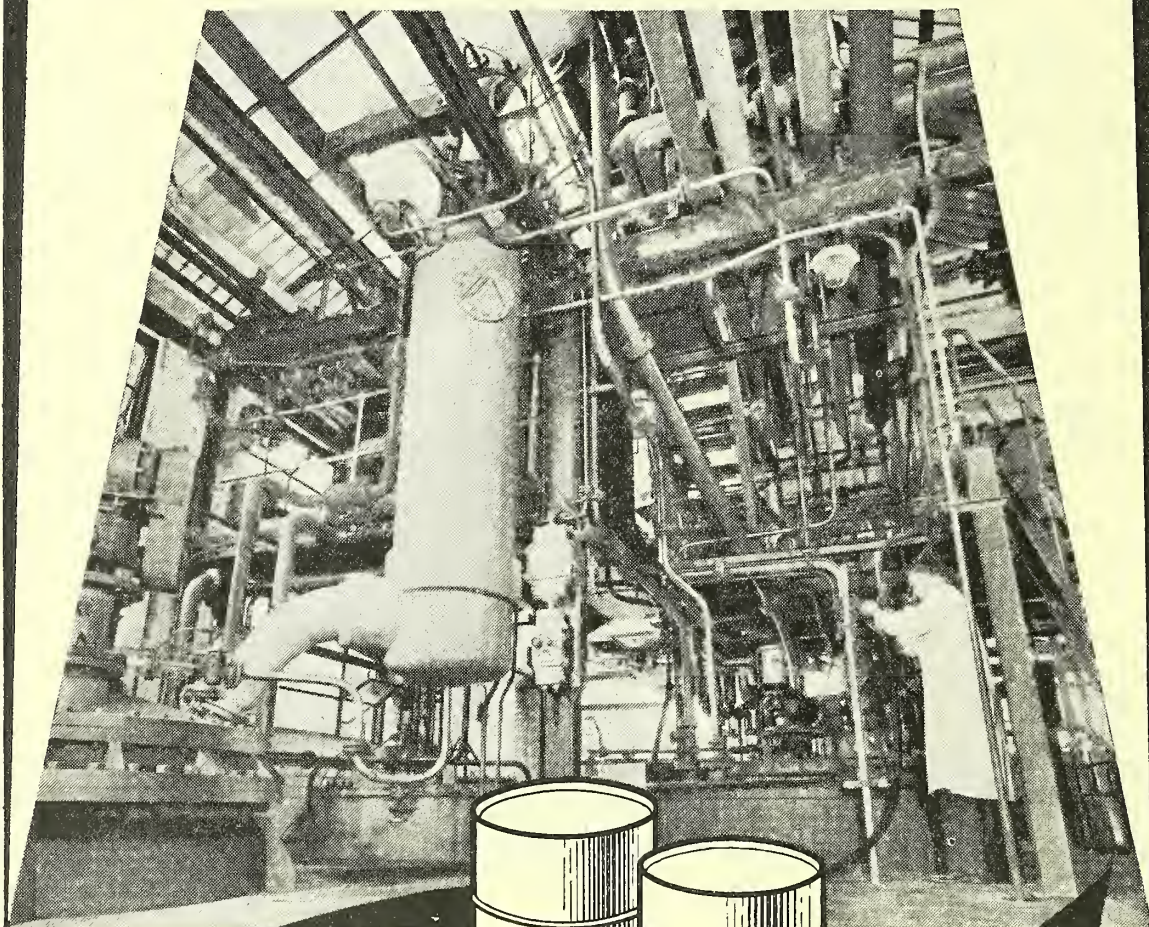
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ESTABLISHED 1859

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*Official organ of the Pharmaceutical Society of Ireland
and the Pharmaceutical Society of Northern Ireland*

Volume 167

April 20, 1957

No. 4026

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The CHEMIST AND DRUGGIST

Volume 167

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Restrictive Practices Court

C.F. AMONG FIRST CASES TO BE HEARD

THE registrar of the Restrictive Practices Court has been instructed to take, among the first cases that come before the court, agreements involving registrable restrictions in relation to proprietary medicinal preparations and their distribution through only approved wholesalers and retailers [i.e., Chemists Federation].

Instructions to the registrar were issued by the Board of Trade on April 16. The formal commencement of proceedings is by the issue of a notice of reference in respect of the agreement concerned, and notices of reference are being issued in the next few weeks. The Court has to decide whether or not the restriction contained in any agreement, and by virtue of which it is registrable, is contrary to the public interest. The duty of the registrar is to give the Court all possible assistance in reaching its decision. He will therefore be inviting evidence from anyone he thinks will be able to assist the Court.

Rules for Court

The procedure to be followed in the Restrictive Practices Court is prescribed in the Restrictive Practices Court Rules, 1956 (S.I., 1957, No. 603) which came into operation on April 15. Proceedings will be begun by a notice of reference issued by the registrar of restrictive trading agreements, specifying the agreements which are referred to the Court. The notice of reference will be served on all parties to the agreements to which it applies, unless the Court makes a representation order under rule 11 where a numerous class of persons have a common interest in the proceedings, in which case the class will be represented by a trade association or other representative respondent. Rules 15 to 17 enable the Court to exclude any agreement from the notice of reference, to revoke or vary a representation order and to transfer the proceedings to another part of the United Kingdom. Every respondent who wishes to be heard by the Court must, within six weeks after entering an appearance, deliver a statement of his case (rule 18) and the registrar must deliver an answer within a further six weeks (rule 20). A reply may be delivered in certain cases, after which the registrar must apply for directions as to the future conduct of the proceedings (rule 33). Such application will normally be dealt with by a Judge of the Court (rule 49) who is given wide powers of direction by rule 36. When a case is ready for final hearing, it will come before a Judge and such other members of the Court as the President of the Court may nomin-

ate (rule 59). The final hearing will be in open court except where the Court decides to sit in private under the powers conferred by rule 60. Provision is made by rules 61 to 63 for the determination in a summary way of issues substantially similar to those considered by the Court in earlier proceedings. Rules 65 to 75 deal with applications for the discharge of previous orders made by the Court, or by the High Court, the Court of Session or the High Court of Northern Ireland under Section 18 (2) of the Act, and with applications under section 30 of the Act relating to agreements covered by orders made under section 10 of the Monopolies and Restrictive Practices (Inquiry and Control) Act, 1948. Rule 76 enables the Court to award costs in cases of unreasonable delay or other unreasonable conduct. Rule 81 prescribes the procedure to be followed on an appeal from the Court's decision on a question of law. Rule 82 enables all documents to be served by post. Copies of the Rules are obtainable from H.M. Stationery Office, price sevenpence.

Proprietary Medicines

JOINT COMMITTEES TO DISCUSS PROBLEMS

FOLLOWING the passing of a resolution at the Branch Representatives' meeting in May 1956, the Pharmaceutical Society, Proprietary Association of Great Britain, Chemists Federation, the Association of British Pharmaceutical Industry, the Guild of Public Pharmacists and the National Pharmaceutical Union are meeting for discussion and joint consultation on the problems of marketing and dispensing proprietary medicines. The Pharmaceutical Society, in a Press release on April 17, stated that a number of topics have been divided into two main groups, and two committees, representative of the interests concerned, have been set up to discuss them. A procedure has been agreed whereby those committees will report on the discussions to the represented bodies for such action as they see fit to take individually or collectively. Committee A, which consists of a chairman, nominated by the Pharmaceutical Society of Great Britain; one member nominated by the Guild of Public Pharmacists; three members nominated by the National Pharmaceutical Union; four members nominated by the Association of British Pharmaceutical Industry, and two members nominated by the Chemists Federation, is discussing the following: The possibility of technical literature being provided for pharmacists in a standard format, size and extent for convenient filing and reference and the provision of technical information on all pharma-



HOSPITAL PHARMACIST SIGHTSEERS: Members of the Sheffield Branch, Guild of Public Pharmacists, photographed during a visit to the Greenford premises of Glaxo Laboratories, Ltd., recently. They toured the biological, pharmacy research, streptomycin-filling, ampoule, food and pharmaceutical packing departments.

ceutical and veterinary products; the possibility of incorporating in technical literature relating to a product a list of the patented names under which that product is registered in countries in the British Commonwealth and overseas, the dispensing of proprietary medicines and the problems caused by the methods of packing those medicines; the recommendation now made by some manufacturers that a proprietary medicine should be prescribed by using an abbreviation of the proprietary name; the substitution of proprietary medicines by non-proprietary medicines. The Proprietary Association of Great Britain will receive reports of the meetings of committee A and make representations to the committee if it so desires. Committee B, which consists of a chairman, nominated by the Pharmaceutical Society of Great Britain; one member nominated by the Guild of Public Pharmacists; two members nominated by the National Pharmaceutical Union; two members nominated by the Association of British Pharmaceutical Industry; two members nominated by the Proprietary Association of Great Britain and one member nominated by the Chemists Federation, is considering: The possibility and advisability of labelling pharmaceutical products with either an expiry date or a date of manufacture; the colouring of tablets, capsules and other pharmaceutical products; the possibility of greater prominence being given on the label to the strength and official name of the substance; the supply of drugs which are the subject of monographs in the B.P. or B.P.C. and which are marketed only in the form of proprietary preparations; the marketing under proprietary names of a multiplicity of products of an identical formula.

Pharmaceutical Society

FINAL REPORT ON RESOLUTIONS

THE Council of the Pharmaceutical Society recently issued its final report on the resolutions passed at the Branch Representatives' meeting held in May 1956 (see *C. & D.*, May 26, 1956, p. 434; and December 15, 1956, p. 644). The report states that as regards the motions on the use of the metric system only and Latin titles in the British Pharmacopoeia Codex, British Pharmacopoeia and National Formulary, the British Pharmacopoeia Commission has replied to the Society's representations on those two points. The Commission states that it may be difficult if not impossible to abandon the apothecaries system completely before changes are made in the law (see *C. & D.*, March 16, p. 287) and it feels that the problem should be examined as soon as possible by those concerned. The Council has agreed to discuss the matter. On the subject of Latin titles the reply of the Commission shows that its policy regarding the next edition of the British Pharmacopoeia is in accordance with the view expressed in the resolution. Agreement has been reached by the bodies concerned upon the procedure for joint discussions on problems of marketing, prescribing and dispensing proprietary medicines. [A statement on the matter is given above.] It is

hoped to publish soon a statement on superannuation for pharmacists. Matters raised by the other resolutions on which the Council was not in a position to express its views at the time of the interim report are still under consideration.

Food Additives

ANGLO-AMERICAN CONFERENCE

A JOINT meeting of the Food Law Institute of the United States, the Division of Food, Drug and Cosmetic Law in the Section of Corporation, Banking and Business Law of the American Bar Association, the Food Group of the Society of Chemical Industry, the Society for Analytical Chemistry and the Association of Public Analysts of Great Britain, is being held at the Royal Institution, London, on July 26. The morning session (from 10 a.m. to 12.25 p.m.), is dealing with the control of food additives other than antibiotics, and the chairman is Mr. C. W. Dunn (president of the U.S. Food Law Institute). Four papers are being contributed by speakers from the United States, Canada and Great Britain. Time is being allowed for general discussion. The afternoon session (from 2.30 to 4.30 p.m.), is dealing with the control of food additives with special reference to antibiotics. The chairman is Sir Harry Jephcott (chairman, Glaxo Laboratories, Ltd.). Three contributions by speakers from the United States, Canada and Great Britain, are to be followed by a general discussion.

Not Enough Pharmacies

SHROPSHIRE SEEKS MORE ON ESTATES

DIFFICULTY in attracting pharmacists to new housing areas was discussed at a meeting of Salop Executive Council on April 11. The trades council had sought the provision of a chemist's shop in the Harlescote and Battlefield area of Shrewsbury but, said the Executive Council, there was no statutory authority by which the Council could set up new pharmacies. They did, wherever possible, encourage chemists to open shop on new estates. There had been a similar request from Shrewsbury Town Council on behalf of Council housing schemes. Some months ago, when the Shrewsbury Council had invited offers from chemists to establish shops on the estates at Meadows and Springfield, none had been forthcoming. To open a pharmacy on estates of 500-600 houses was understood to be unprofitable. The Executive Council recommended both bodies to write to the local Pharmaceutical Committee.

Farm Poisons

FURTHER SUBSTANCES CONTROLLED

THE organo-phosphorus compounds, amiton and its salts, and the arsenical compounds, potassium arsenate and sodium arsenite have been added, with effect from April 11, to the poisonous substances specified in the Agriculture (Poisonous Substances) Regulations, 1956. The regulations giving effect to that are the Agriculture (Poisonous Substances) Amendment Regulations, 1957 (S.I., 1957, No. 605) (H.M. Sta-

tionary Office, price threepence). They prohibit the handling by workers of potato plants that have been sprayed with sodium or potassium arsenite within the previous ten days unless the specified protective clothing (overall, rubber gloves, rubber boots and dust mask) is worn.

Altered Prescriptions

WATCH IN BIRMINGHAM AREA

A CAREFUL watch for altered prescriptions is being kept in the Birmingham area following twelve such cases which have been brought to the notice of Birmingham Executive Council. All of the cases concerned habit-forming drugs, said Mr. K. F. G. DAY (clerk to the Executive Council) at a recent meeting of the Council and in all but one of the cases the patient had increased the amount prescribed by the doctor. In that one, the patient had completely altered the type of drug prescribed. All the incidents, said Mr. Day, had been passed on to the police for action.

IRISH NEWS

THE REPUBLIC

Pharmacy Act Fines

ONE PHARMACIST FOR TWO PHARMACIES

AT Tramore, Eire, district court, recently, Mr. Philip J. Fox, L.P.S.I. Waterford and Tramore, was summoned for keeping open shop without having a qualified person in charge, and with selling a poison (Rodine) through an unqualified person at his premises in Tramore. Both summonses were brought at the instance of the Pharmaceutical Society of Ireland. Defending solicitor admitted the sale but made the case that Mr. Fox himself covered both shops. The lady assistant in Tramore had been given a list of the things she was not to sell. The Society's solicitor pointed out that compiling a list of articles not to be sold did not in any way relieve the proprietor of the obligation to have his premises properly covered by a legally qualified person. The justice said it would be physically impossible for a person to be in two places at the one time. He found both summonses proved and imposed the maximum penalty of £5 in each case. He allowed £6 16s. to cover costs and expenses.

THE NORTH

Associates' Section

MONTHLY COMMITTEE MEETING

AT the April meeting of the committee of the Associates' Section of the Ulster Chemists' Association, Mrs. T. O'Rourke in the chair, the following for associateship were approved:—*Pharmaceutical Chemist*, Miss W. F. Black, Miss K. W. Donnelly, Messrs D. M. McCracken and J. McKeever *Apprentice*, Messrs. N. Berry, V. O. Mawhinney, L. M. Morgan, F. G. O'Connell, N. Poots, and Misses M. M. A. Hegarty, G. A. Mullan and A. M. McShane. *Unqualified Assistants*, Messrs. D. H. Downey, S. Moore E. McKee, Wm. McL. Taylor, M. O. Walsh.

NEWS IN BRIEF

WEST SUSSEX pharmacies are not opening on Christmas Days in future because of lack of demand.

POLICE found 175 lb. of Indian hemp inside a ventilating shaft in the engine room of a freighter at Tilbury docks on April 3.

THE housing committee of Preston is advertising for a tenant for the chemist's shop now being erected on the council's Ribbleson Hall estate.

ABOUT 1,300 guests in medicine and pharmacy saw the Oxford/Cambridge boat race on April 6 from the premises of Vitamins, Ltd., Bemax Wharf, Hamersmith.

MR. W. G. Catchpole, M.P.S., 4 Burses Way, Hutton, Brentwood, Essex, has been appointed secretary to the Essex Pharmaceutical Committee in succession to the late Mr. G. F. Deeth.

IMPERIAL Chemical Industries, Ltd., have given £10,000 to the North Staffordshire University College appeal fund, with the stipulation that the money shall be used in the college's department of chemistry.

THE Union of Shop, Distributive and Allied Workers is considering a request from employees of the Leeds factory of Timothy Whites & Taylors, Ltd., to submit a claim for a wages advance and extended holidays based on length of service.

THE preliminary programme for the 119th annual meeting of the British Association for Advancement of Science, Dublin, September 4-11, includes in the chemistry section an address by Dr. J. W. Cook on "Chemical Approaches to the Investigation of Lung Cancer."

ONLY about 5 per cent. of medicine bottles issued by chemists are being returned by the public, said Mr. E. W. Rothney, M.P.S., at a recent meeting of the Aberdeen and Kincardine Executive Council. The Council agreed to refer the problem to the Scottish Association of Executive Councils.

IN Surrey during the year ended March 1957 twenty-six cases were heard by the Pharmaceutical Service Committee. There were breaches of terms of service in twenty-one cases, technical breaches of terms of service in two cases and in three cases no breaches of terms of service were found.

SPORT

BOWLS.—ULSTER CHEMISTS' ASSOCIATION BOWLERS held a committee meeting recently to make arrangements for the season. The following officers were elected:—*Captain*, Mr. S. Magowan; *Committee*, Messrs. J. Caldwell, J. Hamilton, R. A. Johnston, S. T. Melroy, A. A. Ross, J. Wellwood. A tournament is being held on May 29.

GOLF.—IRISH CHEMISTS' GOLFING SOCIETY, first outing of the season at Dun Laoghaire Golf Club on April 10. An excellent attendance played for prizes presented by May, Roberts (Ireland), *ed.* Results: *Eighteen holes strokes*, 1, P. P. Ray (17), 67; 2, P. Twohig (17), 69; *eighteen holes bogey*, 1, R. Tierney (14), 1 down; 2, J. Mulvey (15), 3 down. Afterwards at supper the club house, prizes were presented by Mr. D. Davidson (director, May, Roberts (Ireland), *ed.*). The Society's next outing is to Carlow Golf Club on May 5.

TOPICAL REFLECTIONS

By Xrayser

Dispensing Fee Scale

The report of the March 26 meeting of the Executive of the National Pharmaceutical Union (p. 418) raises once more the complicated question of dispensing fees. The Executive is seeking the co-operation of Pharmaceutical Committees so that up-to-date information may be available on prescribing frequencies for various classes of medicament. The hope is that it will be possible to simplify the present complicated structure, and by so doing produce a scale that will result in securing a more stable national average fee, less subject to fluctuation on account of changing habits in prescribing. It may be wondered whether the existing method of calculating fees in relation to time and quantity is compatible with the professional status pharmacy is thought to have reached, and I have heard it suggested that a fixed dispensing fee should be applied to each operation. In effect the argument runs thus: "If you want to employ any professional services in a professional capacity my fee is 2s. regardless of whether I make pills or dispense a prepacked proprietary preparation." To adopt a standard and adequate dispensing fee might simplify matters to an extent whereby full pricing could be undertaken. There are arguments against the adoption of a fixed fee but, with the increasing prescribing of proprietaries, any scale of fees as at present fixed would seem to be in danger of producing constantly diminishing returns—a state of affairs which cannot be accepted with equanimity—especially when difficulties in obtaining "back pay" are recalled.

Revision for Students

The report of the board of examiners in Northern Ireland (p. 416) recognises the difficulties which beset a student who has, at the pleasure (or displeasure) of his examiners, found it necessary to make a second appearance before his censors. It is stated that, while the standard in the theory of zoology was higher than usual, the level in practical showed a decline. Very reasonably the report suggests that, for those of the candidates "taking an encore," the likely explanation was that the students had been revising the theory on their own, but had been unable adequately to revise the practical work. The same problem must present itself to students in Britain who are referred in any subject in which laboratory work plays a part, particularly in the Qualifying examination, where six months elapse before the unsuccessful candidate can try again. I know that there must be problems of staffing and accommodation in the schools, but it seems essential in these days of advanced science that some facilities should be available to keep the hand from losing its cunning. Has the Pharmaceutical Society interested itself in the problem, or is it left to the good offices of the schools themselves?

Official Recognition

I have spent a frustrating week in earnest endeavour, trying to find out where I fit in to the latest Budget. I have no car, and as I walk to business in the morning I reflect on the shillings I might have saved if I had possessed a petrol-driven vehicle. It did not require deep thought to realise that the tax concessions on incomes of over £2,000 were destined to make little difference to me—more's the pity! Nor could I extract the comfort that I sought from the information that it was proposed to remedy a defect in the law relating to capital allowances whereby an investment allowance or initial allowance might, in certain circumstances, be given twice over in respect of the same machinery or plant. I knew instinctively that I could not be mistaken for an "overseas trade corporation." But I was filled with thanksgiving by the news that a reduction in purchase tax in group 9(a) (i) and (ii), group 9(b) (ii) and group 11(a) (domestic and office furniture) included vacuum flasks. Here at least, it seems, is the seal of Government approval for the morning cup of tea, which has hitherto been furtively sipped by pharmacists and civil servants alike. Office furniture!!

Students confer at Bristol

FIFTEENTH CONFERENCE OF ASSOCIATION

NOT long ago in Bristol a giant concrete ball on the end of a crane cable could be seen in use nine-pin fashion, to demolish a building. In the same uninhibited manner the fifteenth annual conference of the Bristol Pharmaceutical Students' Association, held in the city, April 8-12, set about demolishing the present structure of the profession of pharmacy. With the freshness and enthusiasm one associates with student assemblies they attacked the foundations of the Pharmaceutical Chemist diploma syllabus, offering alterations and embellishments in the form of "liberal studies." The attitude of the Pharmaceutical Society towards the resolutions of the students' association was described as "most unsatisfactory" by MR. G. FAUX, Bradford, and a resolution that the Society should be asked to give fuller reports on the action taken or to be taken on resolutions was carried unanimously. In a discussion on the question whether the pharmacist was a technologist or a technician, MR. D. WRIGHT (president) put it to the conference that, if they were satisfied with the present educational requirements of the diploma course, then such would be the split that in 30 to 40 years the holder of the diploma would be the underling of the Bachelor of Pharmacy. Present-day pharmacy was described by a Glasgow delegate as "a profession looking about for professional work to do." Delegates were present from Aberdeen, Bradford, Brighton, Bristol, Cardiff, Chelsea, Glasgow, Leicester, Liverpool, Nottingham and London, and among those who addressed the conference were MESSRS. G. H. MOORE (principal, Bristol College of Technology), D. A. NORTON (head of the school of pharmacy at the College), K. J. ADAMS (chairman, Bristol Branch, Pharmaceutical Society), J. CORIN (Port of Bristol Authority), E. J. SHELLARD (lecturer in pharmacognosy at the College), A. ALDINGTON (chairman, National Pharmaceutical Union) and J. SHOTTON (assistant to the director of physiology department, Burden Neurological Institute, Bristol).

Although attended by the president (Mr. D. Wright) the conference was presided over by Mr. D. Williams (editor, *Future Pharmacist*) who, with Mr. E. J. Shellard and the Bristol local committee, had done the necessary background work to ensure the smooth running of the week's deliberations.

Pharmacognosy and the Humanities

A TECHNICAL training that ignored the humanities was the risk that came with the current demand for more scientists said MR. E. J. SHELLARD (lecturer in pharmacognosy, Bristol School of Pharmacy) in an address to the delegates on April 9. It was high time, he declared, that the educational system should be organised to produce men and women who could appreciate both science and the arts. Only then could Britain

be spoken of as an educated nation.

Many professional bodies had already, by disregarding in their syllabuses the more liberal studies, set the pattern he deplored. The Pharmaceutical Society was now given a unique opportunity for a complete reappraisal of its educational policy. Opportunities should be given to the student, both by the content of the syllabus and by the nature of the time-table, to develop his interest in cultural activities. The student associations themselves had a responsibility in that respect. A cultural approach would give to them a more positive function than they had had in the past.

Pharmacognosy, said Mr. Shellard, was unique in being both a scientific discipline and a humanistic study. Much work had been done in Britain in the field of microscopy, but there had been no sustained work in investigating the chemical constituents of drugs. It would be a long time, if ever, before synthetic organic chemicals could entirely replace naturally occurring chemicals, especially if the wide range of antibiotics and other substances obtained from primitive plant sources were taken into account. Most of the work on chemical evaluation had passed out of the hands of pharmacognosists, and it was time to restore the chemical evaluation of drugs to its rightful place.

Sponsored Research?

There was no centrally organised scheme for dealing with the pharmaceutical study of indigenous plants, and he thought that the Pharmaceutical Society or the British Pharmaceutical Conference could organise researches by pharmacognosists in the technical colleges. Pharmacognosy, after all, he said, was the birthright of members of the Pharmaceutical Society.

In the past pharmacognosists had been concerned primarily with the determinations of standards whereby the quality of a drug could be assessed. At present many pharmacognosists were concerned with methods of improving the quality of drugs and he believed that it was along that path that the pharmacognosy of the future must develop, particularly in connection with vegetable drugs. A study of the dried, dead material was giving place to a study of the fresh, living material.

It was not a question of relegating pharmacognosy to the dustbin of has-beens, but of recognising its changing character. Dr. Wallis had given notice of that in his presidential address to the British Pharmaceutical Conference in 1942 when he had said "From the academic aspect, the subject of pharmacognosy should be reconstituted and accorded a place commensurate with its scope. Recent policy has been to take the newer parts of the subject away and to hand them over to the pure sciences, whereas the correct attitude is to see that our own subjects, of which this is one, move forward with chang-

ing conditions and that, as a result, pharmacy as a whole shall maintain its place in the forefront of developing science." Ten years later, Mr. Mackie had re-emphasised the point in his presidential address to the Conference at Nottingham when, speaking of pharmacognosy, he had said "A reduction of the taxonomical, morphological and anatomical emphasis in the syllabus and modernising the training by taking a more chemical, biochemical and physiological approach would change it into a subject whose significance and importance would be evident to all." They were still, in 1957, waiting for the Pharmaceutical Society to recognise the truth of those statements.

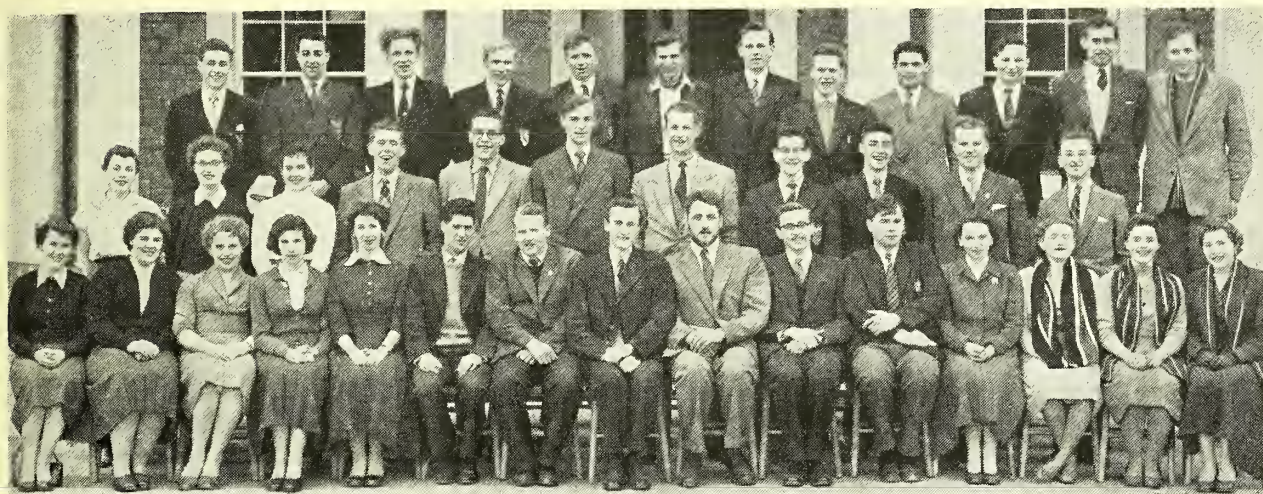
The real purpose of academic training should be to give to students a thorough basic understanding to help them develop a capacity for scientific thinking. Pharmacy was fortunate in having a subject of its own which had a scientific content and a cultural background.

Pharmacy's Future

THE biggest faults a retail pharmacist found in newly qualified students today, said MR. A. ALDINGTON (chairman, N.P.U.), was lack of personality or even of a pleasant manner of dealing with the public. Mr. Aldington was replying to a question put by a delegate at a session on April 11.

The status of the pharmacist as a professional person in the eyes of the public and of his medical colleagues was as high today, he said, as it had ever been. The need for business acumen, and the maintenance of trading activities, were still essential in the pharmacist's service to the public, both from an economic point of view and because it was expected by the public at large. That had become evident to the small band of pharmacists who, after the inception of the National Health Service, had decided to provide a dispensing service only. Most of them had now widened their scope to provide the complete pharmaceutical service historically expected of the pharmacist.

At present the educational policy of the Council of the Pharmaceutical Society was under some criticism from the pharmacist in general retail practice. Apparently the policy was to concentrate on the university degree course. The granting of the title "pharmaceutical chemist" to all on the register was a popular move, as was the "one-diploma" scheme, but he wondered whether those steps were no retrograde. The policy was certainly retrograde if it resulted in a reduction in the number of pharmacists available to do the work. As the plans seemed to be coupled with the present policy of a much higher standard of education and qualification, he could not see that there could be any other effect. It appeared to him that a major part of the knowledge acquired by the degree student would never be required in general retail practice at present or in the foreseeable future. It would be wiser to have a diploma as the main form of entry to the register, combine with a course of study applicable to general retail practice as it would de-



Officials and delegates attending the British Pharmaceutical Students' Association's fifteenth conference with members of the Bristol committee who were responsible for the local arrangements.

velop during the next decade. That could be followed by specialisation, after the original qualification, for any other facet of pharmacy that might be chosen. Surely the Pharmaceutical Society was strong enough to make terms concerning its own entry, and to convince all other extraneous authorities that the policy was essential for the maintenance of pharmacy and the National Health Service.

Mr. Aldington considered it essential that there should be an increase in the outflow of pharmacists into all sections of pharmaceutical practice, and he could not see that the present educational policy was going to achieve that. Of present pharmacists 84 per cent. were in general retail practice as proprietors, managers or assistants. Teaching, hospital pharmacy and manufacture absorbed the remainder, the third group taking about 10 per cent.

Since 1948 the pharmacist had tended to leave over-the-counter sales to assistants, and to lose contact with members of the public. That, he felt, was a bad thing. It was to the advantage of pharmacy generally, and of retail practice in particular, that there should be contact with customers. The development of personality and business acumen added to professional ability made for success in any business relationship with the members of the public.

In many parts of the country groups of smaller shops could effectively combine to give an even more comprehensive service. Financially, such a merger could be satisfactory. It held out also the prospect of more leisure time for the participants. He was convinced that an improved pharmaceutical service could be given with the man-power available, while still allowing each pharmacist to benefit, for the unit pharmacy could have at least two pharmacists on the staff.

In the future pharmacy must develop a friendly service to the public, including both the traditional trading activities and the professional side. The pharmacist must become the personal guide concerning the merits of the pro-

ducts he supplied, and must be the judge of standards. He must be above criticism in giving his opinion, and must jealously guard his reputation for fair dealing. His premises should reflect the dignity of his calling, but he should compete with all who challenged him for the sale of the products that were his birthright. He should develop contacts with the medical men in his district, so as to become accepted as a true colleague within the National Health Service. He should maintain an adequate and up-to-date service of medical literature on the latest developments in medicine, and should know the presentation and commercial aspects of all products as they became available. In that way he would maintain his standing.

Technologist or Technician ?

THE practice of pharmacy in Britain was at variance with that in the rest of Europe, said Mr. D. WRIGHT (Association president) in a symposium that had as its theme "The Pharmacist—Technologist or Technician ?" In this country, he said, the emphasis was placed on sidelines such as soaps, cosmetics and photography, with the result that justice was done to none, whereas in Europe the pharmacist fulfilled his function more completely, doing ethical work requiring a high degree of pharmaceutical skill. There seemed to be a case for increasing educational requirements and thereby subsequently reducing intake. A more efficient way could then be found of coping with the country's pharmaceutical work. The Society's educational policy was tending to make the pharmacist more of a technologist. A policy had to be found that would enable him fully to use his knowledge. That might be done by using technicians of a lower standard of training to do the elementary work.

The pharmacist of the future was envisaged by several members who spoke at the Conference as prescribing for patients after a doctor had done the diagnosis.

MR. WRIGHT said that the failure of the general medical practitioners as a whole to consult the pharmacists

merely underlined the failure of the past educational system.

MR. A. ALDINGTON (chairman, N.P.U.) claimed that many pharmacists had excellent relations with the general practitioners in their area and could offer a comprehensive service in the form of reference cards and literature on new products.

Resolutions

AMONG the resolutions carried by the Conference were the following:

From *Chelsea*: That students should be entitled to use their practical books when performing biochemical tests in the practical physiology examination. That a practical examination centre for Ph.C. students should once more be established in London.

From *Nottingham*: That the Pharmaceutical Society should reopen negotiations with H.M. Forces concerning the status of qualified pharmacists [*sic*]. That the Pharmaceutical Society should allow University degree students to sit for the Society's forensic pharmacy examination during their final year.

From *Liverpool*: That the subject of "liberal studies" warrants a place, however small, in the most overcrowded pharmacy syllabus.

Election of Officers

THE following officers were elected for 1957-58: *President*, Mr. David R. Williams, London; *Secretary*, Miss Janet M. Peck, Chelsea; *Treasurer*, Mr. Glyn F. Downes, Chelsea; *International Pharmaceutical Students Federation Liaison Secretary-elect*, Miss Helen S. Cranston, Glasgow; *Welsh Representative*, Mr. Michael Barnett, Cardiff; *Scottish Representative*, Miss Helen S. Cranston, Glasgow.

Conference Dinner

GUEST of honour at the annual conference dinner of the Association, held on April 11, was Mr. William Cooper (a former head of the school of pharmacy, Bristol College of Technology, and a member of Council of the Pharmaceutical Society of Great Britain). Mr. Cooper proposed the toast: "The Bri-

tish Pharmaceutical Students' Association." He understood, he said, that the Association was concerned what action the Pharmaceutical Society took on receiving resolutions from the B.P.S.A. conference, and he would like to assure members that the appropriate committee gave them full consideration. There was adequate discussion, he knew, and if details of discussions and decisions were wanted he suggested that a request should be made to the Society for a speaker to address the 1958 conference. Mr. D. Williams presided at the dinner. Tributes to him and to Mr. E. J. Sheldar for their work in making the conference such a success were paid by speakers during the evening, others among whom were Messrs. B. Cooper (treasurer, B.P.S.A.); D. A. Norton (head of the school of pharmacy, Bristol College of Technology); W. H. Williams (chairman, Bristol Pharmacy Students' Association) and D. G. Cooper (chairman, Bath and Bristol Schools of Pharmacy Old Students' Association).

LEGAL REPORTS

D.D. Offences Admitted

At Bexhill, Sussex, magistrates' court, recently, Mr. Fred Barnard, M.P.S., for four years until his dismissal on January 28 manager for Meyrick & Davies, chemists, Western Road, Bexhill, pleaded guilty to eight offences under the Dangerous Drugs Regulations. The bench postponed a decision for a fortnight, remanding Barnard on bail in a surety of £50 on condition that he should reside at a hospital for medical treatment during that time. Barnard had previously appeared before the magistrates on three occasions charged with the larceny as servant of 100 half-grain tablets of morphine sulphate. More recently new charges had been brought against him, the original charge being withdrawn at the request of the prosecution.

Put on Probation

At Dewsbury (West Riding of Yorkshire) magistrates' court, recently, Thomas Lockwood, 18 Eleventh Avenue, Hightown, was put on probation for three years and warned against attempting to obtain further supplies of the drug after pleading guilty to obtaining by false pretences National Health Service prescriptions for pethidine tablets. The prosecution stated that Lockwood had become a patient of a Cleckheaton doctor in 1953. He suffered from a lung complaint and tablets of pethidine had been ordered for him. When it was discovered that drug-taking was becoming a habit with his patient, the doctor became "very strict" with the prescriptions. About that time, Lockwood began to visit several other doctors, giving a false name and address and telling them that he was on holiday and had run out of supplies. In that way he illegally obtained tablets understood to total over 800.

Sleeping Capsules by Forgery

At Dunfermline sheriff court, recently, Mrs. Elsie McCullough, 40 Queensferry Road, Rosyth, admitted forging a prescription in order to obtain sleeping capsules. On March 14, at the

Admiralty Road, Rosyth, branch of Dunfermline Co-operative Society, Ltd., she uttered as genuine a National Health Service prescription form issued by Dr. John Mitchell, Inverkeithing, on which the words "Seconal capsules, 60 as before" had been added above the doctor's signature. The procurator-fiscal said that the accused had been for some time a patient of Drs. Henderson and Mitchell at Inverkeithing, and had been receiving treatment for chest trouble. That had apparently cleared up, but she continued to complain about sleeplessness and was prescribed sleeping capsules. The doctors decided to curtail her supply and keep a close record of what she was prescribed. On March 14, with her son, who had a septic chin, Mrs. McCullough called on Dr. Mitchell, and the doctor made out a prescription for penicillin. About 1 p.m. the son called at the pharmacy and handed over a prescription but the chemist became suspicious, as the writing on the second part did not appear to be that of the doctor. On communicating with the doctor he found that no capsules had been ordered. The case was adjourned for a probation report.

IN PARLIAMENT

MR. R. A. BUTLER (Home Secretary) told DR. D. JOHNSON, in a written answer on April 8, that there have been no prosecutions for trafficking in Indian hemp in the past five years. During 1956, 106 prosecutions for unlawful possession of cannabis resulted in the seizure of 251 lb. of the drug.

Cheques (No. 2) Bill

The Cheques (No. 2) Bill was given a second reading in the House of Commons on April 12. The purpose of the Bill is to abolish the necessity of endorsing a cheque unless it is desired to negotiate that cheque.

Doctors' Pay Increase

MR. HAROLD MACMILLAN (Prime Minister) announced on April 15 a 5 per cent. increase in the net remuneration of general practitioners. The increase, which will be effective from May 1, has also been offered to senior hospital medical and dental staff including consultants and specialists and all dentists engaged in general dental services.

COMPANY NEWS

Last year's figures in parentheses.

F. W. BERK & CO., LTD.—Subject to completion of audit, the group profit for 1956, before charging taxation, is £251,913 (£359,805). Group profit after all charges, including taxation and including special credits, £115,147 (£185,560); United Kingdom taxation, £136,766 (£185,239). A final dividend of 2½d. (4½d.) per share, less tax, is recommended.

F. W. HAMPSHIRE & CO., LTD.—Group taxed net profit for year to December 5, 1956, is £26,434 (£40,066). Ordinary dividend 16½ per cent. (same). Net current assets £551,911 (£567,577) and net assets £957,722 (£963,845).

ROLLS RAZOR, LTD.—Trading results for 1956 do not permit of any payment on 15 per cent. non-cum. Preferred Ordinary shares (same).

SMITH & NEPHEW ASSOCIATED COMPANIES, LTD.—Group profits for 1956 after all charges including tax are £557,285 (£587,703). Ordinary dividend 12½ per cent. (12½ per cent.), less tax.

TIMOTHY WHITES & TAYLORS, LTD.—The annual statement of the chairman, Mr. G. I. Rushton, M.P.S. circulated with the accounts, states that £155,000 has been put to general reserve, including profits of former years amounting to £54,342. During the year eleven additional branches have been established and again a number of branches have been enlarged and refitted. The results at those branches are encouraging and the company intend to continue the policy of expansion. During the year under review a further thirty-one branches were closed for economic reasons. The increase in rates resulting from the re-valuation of properties throughout the country was substantial, the company's payments amounting to nearly £100,000 for the period from April 1956 to the end of the year. As a result of the increased levy on National Health prescriptions the number of prescriptions dispensed by the company has shown, and is still showing, a substantial decline.

New Companies

P.C.=Private Company; R.O.=Registered Office

F. Y. WALKER, LTD. (P.C.).—Capital £100. To carry on the business of agents for manufacturers, chemists, etc. Solicitors: Maughan & Hall, Newcastle on Tyne, 1.

H. A. CLARKE (CHEMIST), LTD. (P.C.).—Capital £2,000. To acquire the business of a chemist carried on at 60 High Street, Brentwood, Essex. Directors: Ethel V. Clarke, Walter H. F. Clarke and Frederick C. Low, M.P.S.

C. BREESE, LTD. (P.C.).—Capital £1,000. To carry on the business of dispensing chemists with photographic and optical departments, etc. Directors: Douglas F. S. Miles, M.P.S., Ruth Mile and Alfred A. While, R.O.: 119 Mit cham Lane, S.W.16.

PHILLIPS PHARMACY (LEEDS), LTD. (P.C.).—Capital £3,000. To carry on the business of chemists, herbalists etc. Directors: Philip Josephs, M.P.S. and Vera B. Josephs, R.O.: 16 Chapeltown Road, Leeds, 7.

J. HOWELL JONES, LTD. (P.C.).—Capital £1,000. To carry on the business of wholesale or retail and manufacturing chemists, etc. Directors: John H. Jones, M.P.S., and Frances F. Jones, R.O. Room 416, 329 High Holborn, London, W.C.1.

F. D. R. BLACKTON, LTD. (P.C.).—Capital £100. To carry on the business of manufacturing, dispensing analytical chemists and druggists, etc. Directors: Frederick D. R. Blackton, M.P.S., and Gladys J. Blackton, R.O. 120 High Street, Cowes, Isle of Wight.

T. D. EVANS (CHEMISTS), LTD. (P.C.).—Capital £5,000. To carry on the business of manufacturing and general chemists, etc. Directors: Thomas J. Evans, M.P.S., Elsie F. Evans, Brenda A. Evans and Florence R. Evans, 2 T. Hill Road, Castle Circus, Torquay.

BUSINESS CHANGES

SURREY Pharmaceutical Committee has removed to 28 Worple Road, London, S.W.19.

MR. DONALD HODSON, M.P.S., has opened a pharmacy at 11 Hawthorns, Hatfield, Herts.

BOOTS, LTD., have opened a branch pharmacy at 626 Christchurch Road, Bournemouth, Hants, and closed the branch at 554 Christchurch Road.

GRAYS CO-OPERATIVE CHEMISTS, LTD., recently opened a pharmacy at 14 Darenth Parade, South Ockenden, Essex.

MR. W. MILLIGAN, M.P.S., has acquired the pharmacy of Mr. J. Liddell, M.P.S., Thornhill, Dumfriesshire, and has sold his business at 32 Main Street, Kirkconnel, to Mr. Thomas Owen, M.P.S.

Appointments

BENGER LABORATORIES, LTD., have appointed Mr. C. H. Nicholls, D.A.A., their advertising manager and Mr. J. J. Yorwerth their public relations officer.

HALEX (Division of the British Xylonite Co., Ltd., 9 Conduit Street, London, W.1, have appointed Mr. W. K. Clure their wholesale and retail sales representative in Northern Ireland and Mr. R. K. Curtis in the Yorkshire area.

MOORE MEDICINAL PRODUCTS, LTD., have appointed Mr. W. A. Anderson, M.P.S., their chief pharmacist in succession to Mr. J. W. Cooper, F.P.S., who is retiring after fifteen years' service as chief pharmacist to the company. Mr. Cooper is continuing as a director of the company.

VITAMINS, LTD., London, W.6, have appointed Mr. M. J. Warburton manager for their Middle-east territory. He will work directly under Mr. F. D. G. Bailey, who represents the firm's interests in the eastern hemisphere. Mr. Warburton will be taking up his duties on April 23.



Mr. M. J. Warburton

LOCAL OFFICERS

PHARMACEUTICAL COMMITTEES

Buckinghamshire. — *Chairman*, G. F. A. Downer; *Vice-chairman*, H. P. Elliott; *Secretary-treasurer*, Miss H. E. Walker, 46 Well Street, Buckingham.

Middlesex. — *Chairman*, G. D. M. Lavin; *Vice-chairman*, F. H. Mytrot; *Treasurer*, J. Anderson Stewart, 6 Southampton Place, London, W.C.1.

PHARMACEUTICAL SOCIETY

Guildford. — *Chairman*, K. W. Massey; *Vice-chairman*, E. T. Sewell; *Treasurer*, J. S. Cave; *Social secretary*, Miss A. T. Crawford; *Secretary*, J. L. Hodder, 12 Stoughton Road, Guildford, Surrey.

Huddersfield Branch. — *Chairman*, G. Walker; *Vice-chairman*, R. J. Ireland; *Treasurer*, S. Sykes; *Secretary*, G. Dinkel, 34 Royd Street, Hill Top, Slaithwaite, Huddersfield.

Plymouth. — *Chairman*, L. T. Warn; *Vice-chairman*, E. Adams; *Treasurer*, J. P. Fox; *Social secretary*, K. J. Wadge; *Secretary*, A. G. Madge, P.C.S. Pharmacy Office, Vauxhall Street, Plymouth.

Staffordshire. — *Chairman*, C. G. Murray; *Vice-chairman*, R. Lloyd Williams; *Treasurer*, F. L. Dent; *Secretary*, R. D. Tuck, 35A Gaolgate Street, Stafford.

GUILD OF PUBLIC PHARMACISTS

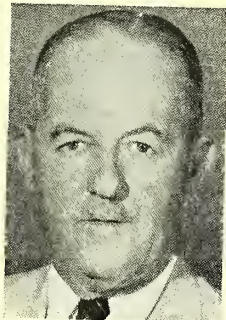
Manchester Branch. — *Chairman*, J. Platt; *Vice-chairman*, Mrs. E. Stubbs; *Treasurer*, W. Chatterton; *Secretary*, J. D. Cronin, Victoria Memorial Jewish Hospital, Manchester.

PERSONALITIES

MR. FRANCIS R. L. NEWBERY celebrated his eighty-eighth birthday on April 11.

MR. W. G. LLOYD, M.P.S., who retired recently, has returned to England after thirty

years' service with Parke, Davis & Co., Ltd., in India. The new general manager of the company in India is Mr. J. J. Keane, who qualified as a pharmacist from the college of pharmacy of the Pharmaceutical Society of Ireland.



Mr. W. G. Lloyd

MR. L. D. GALE, M.P.S., for twenty-two years manager of the Cornmarket Street, Oxford, branch of Boots, Ltd., is retiring. He joined the company in London in 1924.

MR. FRED STOREY, M.P.S.N.I., was recently appointed *President* of the newly-formed rugby club of Belfast High School Old Boys' Association. Mr. Storey was one of the founders of Knock Rugby Club in 1900.

MR. F. POYNTON, M.P.S., who has retired from the Trinity Street, Coventry, branch of Boots, Ltd., after forty-seven years' service, has been presented with a fireside chair by the staff.

MR. H. J. WINSER, who has retired because of ill-health after forty-four years' service with E. C. De Witt & Co., Ltd., Croydon, Surrey, is being presented with a tape-recorder by colleagues and the company. Mr. Winscr, who was the company's senior representative at his retirement, covered the Midlands area.

DEATHS

MACADIE. — At London House, High Street, Tollesbury, Essex, on April 15, Mr. William Macadie, F.P.S., aged eighty.

REYNOLDS. — On April 4, Mr. William Reynolds, M.P.S., 33 Lomond Avenue, Blackpool, Lancs, aged seventy-four. Mr. Reynolds had been in business in Blackpool for over fifty years. He was managing director of H. M. Johnson & Co. (Blackpool), Ltd., Adelaide Street, until his retirement six weeks before his death.

ROBERTSON. — Recently, Mr. William Robertson, M.P.S., The Rochford Pharmacy, Rochford, Essex, aged fifty-five. Mr. Robertson moved from Dundee to Southend twenty-six years ago and had businesses in three different parts of the town before going to Rochford in 1948. A few years later he became a member of Rochford rural district and parish councils and at the time of his death he was chairman of the rural council's health committee. He was also a member of South-east Essex area health sub-committee and south-east Essex (Tuberculosis) Care Association. Recently it was at his suggestion that a local chamber of commerce was formed and he became a member of its committee. Mr. Robertson is survived by his widow, who assisted him in his business, and two daughters.

SIMPSON. — At 111 Avon Street, Motherwell, Lanarks, suddenly, on April 9, Mr. Robert Burns Simpson, M.P.S.

INQUESTS

A "Massive" Overdose. — A "massive single overdose" of a barbiturate drug caused the death of Mrs. Eleanor Skinner, Hope Fountain, Portsmouth Road, Camberley, it was stated at an inquest on March 9. Mrs. Skinner was stated to have taken about 100 grains of the drug. A verdict of suicide was recorded.

A Photographer's Cyanide. — A retired photographer, Mr. Henry G. Biggs, 142 Oregon Road, Whiteley Village, Surrey, who had been found dead in bed, was stated at an inquest on April 1, to have taken sodium cyanide. A pathologist said that Mr. Biggs had been poisoned by the cyanide but, in the twenty-four hours preceding his death, had suffered a coronary thrombosis which would have caused considerable pain.

Three Times Normal Dose. — At Kendal, Westmorland, recently, an open verdict was returned on Mrs. Joyce Dobson, Windermere, who was stated to have taken three times the normal 24-hour period dose of chloral hydrate. In his address to the jury the coroner said that the chemist who supplied the chloral hydrate did not seem to have marked the bottle with the dosage, but only "as before." The foreman of the jury, in reporting their decision, said they had unanimously added a rider that the chemist in future should always state the dosage of any drug on the bottle, and not put "as before."

Mental Patients' Drugs. — At St. Albans, Herts, recently, the coroner ordered an investigation into the issue of drugs to patients at Shenley mental hospital. The coroner's officer was ordered to inspect the drug list with a view to finding out if patients were consuming prescribed drug doses in the presence of staff nurses. The coroner said at an inquest at the hospital that he had been told that an analysis had shown that gr. 48 of barbituric acid had been taken by Albert Edward Bone, a voluntary patient. A physician at the hospital said that the drug lists were examined and authorised by the doctor in charge.

TRADE NOTES

Toilet Ware in Spring Colours. — The Halex division of the British Xylonite Co., Ltd., Highams Park, London, E.4, are marketing their Caress toilet-ware sets (hair-brush, hand mirror and comb) in six Spring colours (black, white, pearl, coral bell, reed yellow, court grey and verberna).

At Hairdressing Festival. — Rilling-Hills, Ltd., 222 Borough High Street, London, S.E.1, are staging, at the National Festival of Hairdressing, Royal Horticultural Hall, London, S.W.1, May 13-17, an exhibit at which their Rilling cold-wave solutions, Ever Vess neutraliser, etc., will be on show and demonstrated.

"Picture Baby" Competition. — Ekco Plastics, Ltd., Southend-on-Sea, Essex, announce a competition in which prizes of £100, £50 and £25 are being offered for baby photographs sent with tie-on label from an Ekco Superbath. Prizes of £50, £25 and £12 are being awarded to the dealers supplying the Superbaths to the winners.

Goods by Air to Europe. — British European Airways claim that air freighting has the advantage of greatly reduced transit time, a 95 per cent. cut in packing costs, reduction in insurance rates, etc. Detailed information may be obtained from freighting agents or from the company's air cargo depot, Waterloo Air Terminal, York Road, London, S.E.1.

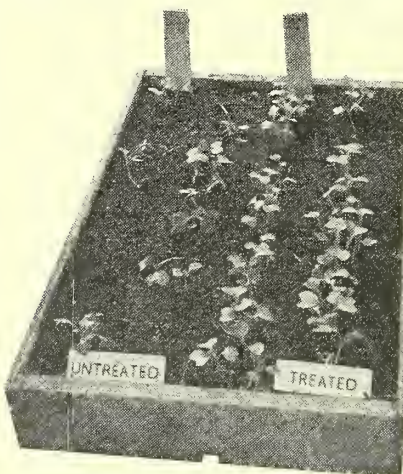
To Celebrate 150 Years. — In celebration of the 150th anniversary of the establishment by Mr. William Colgate of the soap factory that later became the Colgate section of Colgate-Palmolive, Ltd., 145 Charing Cross Road, London, W.C.1, a token shipment of Palmolive soap is being sent on the Mayflower to the American Colgate-Palmolive Co.

At North London Exhibition. — T. L. Benton & Co., Ltd., 186 Seven Sisters Road, London, N.7, claim that their Chandau aids to hair beauty are the only hair preparations that are being exhibited at the North London Exhibition, April 16-27; the range to be shown includes Chandau soft curl set, hair lacquer, hair gloss, shampoos, Twinkle Glints, bubble bath, after-shave lotion, and talc.

Overall Maintenance. — Nylon Rentals, Ltd., 1 Albion Street, Leeds, 1, have introduced a "lend-mend-replace" service for overalls made in Decorous nylon fabric. The cost is one shilling per week per worker, and under the service entire staffs may be equipped with overalls without heavy investment and without replacement and repair worries. The minimum quantity on any order is six garments.

Revised Hormone Series. — Gala of London, Ltd., Hook Rise, Kingston Bypass, Surbiton, Surrey—who claim to have been the first cosmetic company to market oestrogenic toilet preparations at a moderate price—have revised their hormone series. Now limited to three preparations, it makes selection easy. Gala hormone night cream is intended for regular use on face and neck; the packs are a five-week-treatment jar and small and large tubes. The hormone day cream is an untinted foundation

in corresponding packs. The third product, Gala hormone lotion is quickly absorbed, leaves a matt surface and is suitable for both night and day use. Light, unbreakable, gold-foil-covered plastic jars of new design (black for night cream, white for day cream) replace the original black glass jars.



Effect of Seed-Saver seed-dressing (Plant Protection, Ltd., Yalding, Kent) on cabbage seed, producing full healthy germination is contrasted with diseased condition of the untreated seeds that have emerged as seedlings.

1957-58 Blanket Range. — To assist their dealers to plan ahead, Philips Electrical, Ltd., Century House, Shaftesbury Avenue, London, W.C.2, have announced details of the electrically heated blankets they are releasing during the next few months. Type EA1213 is a single (60 x 28 in.) 75-watt, ac/dc blanket, and type EA1223, a double-size (60 x 48 in.), 130-watt, ac/dc blanket. Both are available in voltage ranges of 200-10 and 230-40. They are of 100 per cent. pure wool of soft peach shade, and the grid wire that passes current through the blanket is covered with a plastic material claimed to stand far more strain and bending than are likely to be encountered in normal use. Both blankets incorporate a three-heat (low, medium and maximum) temperature control. The blankets have gained the Good Housekeeping Institute seal and bear the "kite" mark of the British Standards Institution. The carton, designed by F. H. K. Henrion, is printed in maroon, flame and white.

Bonus Offers

BURROUGHS WELLCOME & Co. (The Wellcome Foundation, Ltd.), 183 Euston Road, London, N.W.1. Marzine travel-sickness remedy. Thirteen to doz. on minimum of three doz. Until July 31. [Corrected note.]

SMITH & NEPHEW, LTD., Welwyn Garden City, Herts. Elastoplast. Quantity discount is 7½ per cent. and not as stated in the company's announcement in the *C. & D.*, April 13 issue. The bonus applies to a £15 (trade price value) direct Elastoplast order that includes £7 10s. worth of first-aid dressings (fabric, waterproof, Airstrip).

Holiday Closings

THE Easter closing for most manufacturers is from normal closing time on Thursday afternoon, April 18, until normal opening time on Tuesday morning, April 23. The following manufacturers have notified special arrangements for emergency supply during the holiday:—

BAYER PRODUCTS, LTD., Kingston-on-Thames. Emergency supplies from John Bell & Croyden, 50 Wigmore Street, London, W.1 (telephone: Welbeck 555).

GLAXO LABORATORIES, LTD., Greenford, Middlesex. Skeleton staff available for emergency orders on morning of Saturday, April 20.

HORLICKS, LTD., Slough, Bucks. Emergency supplies from John Bell & Croyden.

E. R. SQUIBB & SONS, LTD., 17 Old Bond Street, London, W.1. Emergency supplies from Savory & Moore, Ltd., 61 Welbeck Street, London, W.1, or from John Bell & Croyden.

JOHN WYETH & BROTHER, LTD., Clifton House, Euston Road, London, N.W.1. Emergency supplies from John Bell & Croyden.

THE following companies have notified holiday closings differing from the standard:

BIOREX LABORATORIES, LTD., 47 Exmouth Street, London, E.C.1. Open for urgent medical supplies (to hospitals only), Friday April 13, 10.30 a.m. to 1 p.m.; Saturday, 9 a.m. to 9 p.m.; Sunday and Monday, 10.30 a.m. to 1 p.m.

BIOREX (MARKETING), LTD., 47 Exmouth Street, London, E.C.1. Open for supply of Biorex specialities, Friday, 10.30 a.m. to 1 p.m.; Saturday, 9 a.m. to 8 p.m.; Sunday and Monday, 10.30 a.m. to 1 p.m.

EVANS MEDICAL (WALES), LTD., Swansea. Closed on Good Friday and Easter Monday only.

GENATOSAN, LTD., Loughborough, Leics. Closed Monday and Tuesday April 22 and 23. Open as usual on Good Friday.

J. H. HAYWOOD, LTD., Warser Gate, Nottingham. Closed Easter Monday. Open as usual Good Friday and Saturday. Open from 8.30 a.m. to 1 p.m. on Easter Tuesday.

MAY & BAKER, LTD., and **PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD.**, Dagenham, Essex. Closed from 12 noon April 18 until 9 a.m. April 23. Urgent supplies from John Bell & Croyden.

PARKE, DAVIS & Co., LTD., Hounslow, Middlesex. Closing at 4 p.m. April 19. Emergency supplies from John Bell & Croyden. Scottish branch closed on Easter Monday only.

INFORMATION WANTED

SUREGRIP tweezers
UREXELINE
HELLIER soap
Ideal latex swim caps
Dr. Linn's purger
No. 200 mixture
N.K.U.



Some of the 200 guests who were present at the centenary dinner of Solport Bros., Ltd., held in London recently (see C. & D., March 30, p. 347).

NEW PRODUCTS AND PACKS

Prednisolone for Injection.—Roussel Laboratories, Ltd., 847 Harrow Road, London, N.W.10, announce the introduction of PreCortisyl injectable, a preparation of prednisolone containing in each ml 25 mgm. of the steroid. PreCortisyl injectable is indicated in the treatment, by local injections, of articular and extra-articular rheumatic conditions. It is presented in 1-ml and 5-ml multidose vials.

Penicillin with Sulphadimidine.—The pharmaceuticals division of Imperial Chemical Industries, Ltd., Fulshaw Hall, Wilmslow, Ches, have added to their range of medical products Sulmezil-V tablets, each of which contains the equivalent of 60 mgm. of penicillin-V (free acid), equal to 100,000 units penicillin G and 0.5 gm. of Sulphamezathine brand sulphadimidine, B.P. The tablets are scored for easy division.

Cholinergic Compound.—Roche Products, Ltd., 15 Manchester Square, London, W.1, are launching a new cholinergic compound, Tensilon, chemically described as (3-hydroxyphenyl) dimethylethyl ammonium chloride. Tensilon is similar in pharmacological action to Prostigmin and Mestinon, but the action has a rapid onset and short duration. The product is available as 1-c.c. ampoules each containing 10 mgm.

Common Cold Relief.—Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1, announce that Vasylox (for the relief of nasal congestion) is available in a pink plastic container designed to deliver drops or spray. When inverted and gently squeezed it delivers drops; when squeezed in normal upright position it gives a fine, even spray. The dual-purpose container

may be used both for adults and for children. Vasylox is indeed particularly suitable for children because of its freedom from side-effects and bland but firm action. The nasal spray contains 0.25 per cent. of methoxamine hydrochloride in $\frac{1}{2}$ fl. oz. A display card is supplied with each order for not less than six sprays. Vasylox continues to be issued in bottles, with dropper, and the bottle is supplied when orders do not specify Vasylox nasal spray.

Cream Shampoo.

—Genatosan, Ltd., Loughborough, Leics, have introduced Sebbix cream shampoo as a companion to Sebbix liquid shampoo. The new product suits users who prefer a cream type of shampoo, and especially those with dry hair. The packs are a "stand-up" tube (enough for eight shampoos) and a sachet (sufficient for one shampoo).

Panthenol Ampoules.—Roche Products, Ltd., 15 Manchester Square, London, W.1, have launched a new speciality, Bepanthen brand panthenol (the alcohol corresponding to pantothenic acid) in ampoules of 50 mgm. in 1 c.c. and of 500 mgm. in 2 c.c., and as a 5 per cent. ointment in 30-gm. container.

A New Safety Razor.—The newly introduced "natural angle" Ever-Ready safety razor uses a head of flat instead of rounded top, so constructed that, when the razor is held flat against the face, the angle of the blade cuts through the stubble at the "precision" angle of 15° . A snap opens the blade holder; the blade is put in; another snap and it closes ready for use. Five single-edged blades are included in each cartoned, transparent-lidded, plastic container.

For Research Only at Present.—Gibrel is the Merck & Co., Inc., U.S.A., trade mark for the potassium salt of gibberellic acid, a potent plant-growth substance that has recently been under intensive investigation in both Great Britain and the United States. Gibrel has been made available for commercial sale in the U.S.A., but so far there are no supplies in the United Kingdom, except for investigational use. Initial evidence indicates that treatment of ornamental crops such as roses, gera-

niums and other flowering plants with Gibrel rapidly results in increased growth (two or three times that of comparable untreated plants). Other evidence suggests an even wider range of usefulness. Research continues.

Lipstick in a New Pink.—Rimmel, Ltd., 146 New Bond Street, London, W.1, have introduced for the summer seasonal demand, a new "pure" pink lipstick shade, "Talked about Pink," which is being distributed in readiness



for sale by stockists from the end of April.

A "Hair Insurance."—A new "biological" hair preparation, Caprex, is being marketed by C. T. Laboratories, Ltd., 24 Savile Row, London, W.1. The product was formulated as the result of findings in 1950 by the New York Academy of Sciences that no method existed at that time of controlling hair growth or counteracting baldness. Dr. Irwin Lubowe in the United States and Mr. F. V. Wells in Great Britain collaborated to arrive at a means of slowing down the rate of hair loss to a point at which, in effect, the life of the hair is prolonged. The outcome is Caprex, a fluid emulsion which is understood to have been used by



several hundred volunteers in the United States with results that made more than 90 per cent. of the users claim that abnormal hair loss had been arrested and the density of hair growth increased. The pack is as illustrated at the foot of the preceding page.

Boron Tribromide.—Borax Consolidated, Ltd., Borax House, Carlisle Place, London, S.W.1, announce that British-made boron tribromide is now available in experimental quantities. Possible

applications of the compound in industry are as catalyst in isomerising certain paraffin and olefine hydrocarbons or in polymerisation reactions for making synthetic rubber and high-molecular-weight resins; and to promote the synthesis of silicones and similar compounds. It is an effective brominating agent. A liquid at room temperature, boron tribromide is convenient to pack, transport and store. It is available initially in 10-gm., 25-gm. and 100-gm. ampoules.

MANUFACTURERS' ACTIVITIES

Antarctic Experiences.—Nearly 1,000 members of the staff of Evans Medical Supplies, Ltd., assembled in the canteen at the company's Speke, Liverpool, factory on April 5 to hear a lunch-time talk by Dr. Rainer Goldsmith (medical officer to the advance party of the Commonwealth Antarctic Expedition at Shackleton base). Mr. I. V. L. Fergusson (chairman of the company) introduced Dr. Goldsmith, who related some of his experiences. The expedition left London in November 1955. Amongst its stores were forty-eight boxes of medical supplies produced and packed by Messrs. Evans Medical.

Sales Competition Success.—Top award in a competition among salesmen of Johnson & Johnson (Great Britain), Ltd., Slough, Bucks, has gone to Mr. W. T. Phillips, pharmaceutical representative for the company in Derbyshire and parts of Yorkshire and Lancashire. Mr. Phillips, who lives at Mansfield, travelled with Mrs. Phillips to London recently and was there ceremonially presented with a full-length Canadian musquash fur coat, valued at over £262 10s., which they had selected at the salon of one

of London's leading furriers. The day included a tour of some of the principal London shops. The award was for the largest individual increase in sales volume.



£100 PRIZE-WINNER: Mrs. E. Stone (A. Greaves & Son, Chemists, Chesterfield) receives from Mr. S. Hughan, M.P.S., the first cheque for £100 awarded by Bengel Laboratories, Ltd., Holmes Chapel, Ches, in a series of three-monthly sales contests open to retail assistants. The prize goes to the seller of the largest quantity of Bengel's food.

DEVELOPMENTS IN UNITED STATES

TWO research chemists at the Massachusetts Institute of Technology, Cambridge, Massachusetts, have succeeded in synthesising penicillin for the first time. Dr. John C. Sheehan (Professor of Chemistry at the Institute) has said that ten new kinds of the newly developed synthetic penicillin are now being tested for possible medical uses. While the new chemical method probably will not be cheap enough to compete with the established fermentation process, it is hoped that new forms will prove effective against disease organisms now resistant to natural penicillin and against a wider variety of infections. New penicillins, it also is hoped, may also have less tendency to produce allergic reactions.

Long-acting Insect Repellent

A new long-acting insect repellent, diethyl toluamide has been developed by the United States Department of Agriculture in co-operation with the Army Department. Tests have shown that the insecticide lasts twice as long as the next best repellent. It is pleasant to use. The Hercules Powder Co. is among a number of companies which are at present engaged in making a technical grade material for use of formulators.

Pharmaceutical Education

Beginning with the 1960 school year, Columbia University is completely changing its scope and aim of pharmaceutical education—from training primarily designed to produce retail chemists. The new programme will last five years instead of four, and will aim to qualify men and women in eight specialised spheres, without the necessity of a year of practical training. The eight fields, which will include retail pharmacy, are: Practising pharmacy; medical representative work; pharmaceutical research; pharmaceutical production; pharmaceutical control; hospital pharmacy; pharmaceutical-medical technology; and medical technology. The plan, known as the Bobst-Columbia plan, after Elmer H. Bobst (chairman, Warner-Lambert Pharmaceutical Co.), calls for three years of general liberal-arts and pharmaceutical training followed by two years' work in the speciality. At the end of the three-year general study period, an evaluation committee, made up of non-university people whose work is in those pharmaceutical divisions, will screen each student, advising him on his potential in the particular field, the advice being strictly optional and not binding on the student.



SINCE the inception of this column in February (C. & D., February 9, p. 161) a "most gratifying" interest in the British Pharmaceutical Correspondence Chess League is reported by the League secretary (Mr. A. Robinson, M.P.S., 352 Kirkstall Road, Leeds, 4). "Evidently," he writes "there were still many pharmacists who did not know of the existence of the League set up to promote the practice of the game amongst pharmacists." For the benefit of "new acquaintances" some space is being devoted in the next few months to a review of the League's history, aims and personalities.

So long ago as 1919 a band of pharmaceutical chess "fiends" was organised by Mr. G. H. Haines, F.P.S., formerly of Manchester. That was the Galen Correspondence Chess Association, which attracted some enthusiastic and able players. Mr. Haines, now in retirement, remains prominent amongst the organisers of chess in Westmorland. The Galen Chess Association eventually became defunct, but is far from forgotten by some of the enthusiasts who enjoyed many happy games under its auspices. One such was Mr. V. J. Meadows, M.P.S., Weedon, Northants, who founded a club on the lines of the Galen. Mr. Meadows published a letter in the pharmaceutical Press in September 1952, to gauge possible support for a new pharmaceutical chess league. The support he received exceeded his expectations. Within a few days thirty or so pharmacists had written expressing their interest. Mr. Meadows proceeded to organise a club, and within weeks a series of friendly games was in progress. Play has continued ever since. Accounts of some of the more interesting encounters will be published.

Mr. Spencer Palmer sends the following problem for readers to solve during the Easter break—"unless perhaps you are one of those lucky ones who can 'crack' a problem in those spare minutes gained between dealing with scripts."

No. 4 (C. Mansfield)
Black 5
— B — — — — n —
— — — — — N
K — p N — — — —
— — — — — P — —
R — n — — k — —
— — P — R — — P
— — — — — b — B —
— — O — — — — —
White 11
White to move and
mate in 2.

The problem has a beautifully constructed theme. Solutions and comments from readers will be welcomed. Check on diagram 1B4n1/7N/K1pN4/5P2/R1n2k2/2P1K2P/4b1B1/2Q. Solution to problem No. 3 (Koehnlein): 1. P-Q3 threat R-B2ch. 1...King steps up to third rank, O-P-N6, threat operates. If 1...King steps down to royal rank, 2. Q-K2 etc. That is a task problem (Multi-flights offered by key) and is attractive in its light setting. The key adds five flights to the King's three leaving him absolute monarch—for a while.

U.S. AWARD-WINNING FOLDING DISPLAY PACKS



THERE was a record entry of 9,123 cartons from 148 folding carton manufacturers in a recent competition in the United States organised by the Folding Paper Box Association. Winners were selected on the bases of technical quality, product protection, display value, merchandising power, practicability, and structural style.

Main award in the medicinal classification went to Edwin J. Schoettle Co. for the Mulsavite container manufactured for the Sharp & Dohme Division of Merck & Co., Inc. Formerly individually packed, the capsule bottles appeared for the first time in the form of a multiple display. The display has a double side seam and separate centre tray, thus permitting it to be broken into three units of three, six and three for better presentation. The entry also won awards in the display and construction categories. E. J. Trum, Inc., also gained an award in the medicinal

class for Thephorin-AC (manufactured by Hoffmann-La Roche, Inc.). By the use of a three-dimensional effect, the carton enhances dealer and customer appeal. The product was formerly issued in shelf containers. When on the counter, the knees of the "suffering patient" bend. Clever artwork and colour combinations, in the view of the judges, completed a highly effective sales piece.

"The addition of the two arms to the original carton immediately changed it into a very special individual display," said the judges, of the container made by the Green Bay Box Co. for the Stopette deodorant for men (by Helene Curtis Industries, Inc.). "Not only do the arms clasped round the bottle attract attention and spur sales," they added, "but they help minimise pilfering in the store and hold the bottle firmly in place during transport. The coat sleeves further emphasise the purpose of the original carton to display this as a

product for men." The Hand-Lo container by F. N. Burt Co., Inc., also won an award. The judges were especially pleased with the device of placing a "jewel" on one of the "fingers" illustrated on the package to draw shoppers' attention to the package of hand lotion. Another winner in the cosmetics class was Tek brushes in a tray wrapped with transparent film. That carton counter display was by the Sample-Durick Co. The individual cartons were designed to conform with the shape of the brushes (made by the Johnson & Johnson organisation). The carton has a backward slope to show off the twelve cartons and to hold them in place.

The Ban display requires no assembling, and the dealer acceptance was reported as excellent by the product manufacturers, Bristol-Myers Co. For display value and convenience of construction, an award went to the National Folding Box Co.



SIX WINNING EXHIBITS: At top of page (left to right), Thephorin-AC for colds (Hoffmann-La Roche, Inc.); Tek denture brush (Johnson & Johnson); Ban deodorant (Bristol-Myers Co.); Above, Mulsavite vitamin capsules (Sharp & Dohme Division of Merck & Co., Inc.); right, Stopette anti-perspirant for men (Helene Curtis Industries, Inc.); Hand-Lo cream and lotion (Beauty Counselors, Inc.).

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Recommended to Electors

SIR,—May we, through the medium of your pages, commend to your readers the name of Mr. Kenneth Holland, who is a candidate for election to the Council of the Pharmaceutical Society. Mr. Holland is a pharmacist of unusually wide experience, and has high ideals for our profession; he is a sound committee man, and an eloquent public speaker. The committee of the Romford and District Branch have had many years' experience of his abilities, and unreservedly recommend him for a member of Council.

J. D. MACKENZIE, *Chairman*

E. W. RICHARD, *Secretary*

Romford

* SIR,—The Committee and members of the North Metropolitan Branch of the Pharmaceutical Society seek the support of all members of the Society for the candidature of Mr. Allen Aldington for election to the Council of the Society. Mr. Aldington has been a well-known figure in Metropolitan pharmacy for many years, and more recently has become known to pharmacists throughout the country for his work on the National Pharmaceutical Union Executive. During the past year he has shown his statesmanlike qualities as chairman of that body. In retail practice in London, Mr. Aldington has a vast knowledge and experience of the many problems facing pharmacy today. His unflagging energy and drive would be a great asset in the Council chamber. Mr. Aldington has been a member of the committee of this branch for many years. He has served as its chairman, and was also president of the Photographic Dealers' Association in 1952 and 1955. His service on the London Executive Council and London Pharmaceutical Committee have brought prestige to the profession, and his acceptance of nomination for the Council election has been long awaited by his many friends in all pharmaceutical circles. We commend him to all members.

A. E. FOOTITT, *Chairman*

W. J. F. LAXTON, *Secretary*
London, N.17

Steaming Windows

SIR,—In a recent issue you described a method of preventing steaming by sealing off the window enclosure and running a stream of cold air (same temperature as outside) over the inside surface of the glass. That is achieved by venting top and bottom of the glass. In case any chemist may be tempted to spend money on that plan, may I say that, before the 1939-45 war, I was managing a multiple branch that was selected to try out that idea. An additional item was an extractor fan at the top of each enclosure, which had the effect of drawing cold air across the glass, and in very cold weather the windows remained clear. There was one snag, however, that escaped the powers behind the brainwave—one could not

open the back of the window without admitting warm air, and that, hitting the cold glass, immediately produced not only a curtain of condensed water on the inside of the window but such a volume of water that we had to continually mop up the floor of the window. On reporting that to head office we were told to keep the window backs closed at all costs! The result was that a customer demanding our one and only electric shaver on display had to wait a week to enable us to get another! *We dare not open the window back!* I have since experimented on my own windows, and have come to the conclusion that the way to stop steaming is to warm the inside of the window, but to keep the warm air moving. That can be done in various ways without undue expenditure. For example, small fans may be installed or heater bars distributed amongst the stock. The enclosure doors should be left ajar.

Twyford, Berks C. H. PATRICK

Professional Ethics

SIR,—The fine line of demarcation between professional pharmacy and slick salesmanship seems only too easy to cross. In that popular monthly magazine, *Family Doctor*, references have been made in several recent issues to a company of pharmacists—referred to by a doctor as THE chemists. Surely that is not right! It would be considered unethical for a chemist to specify a particular doctor. If asked to recommend one to, say, a National Health Service patient, he must politely decline to do so. To see a written recommendation of one particular company of chemists in a supposedly ethical medical publication needs lots of explaining.

CODER

Pin Pricks

SIR,—During the struggle and strife of our committee meetings there are always a few arisements which we laughingly refer to as "pin pricks." We generally handle them by writing to manufacturer, wholesaler, various organisations, etc., but indeed for all the good it does we might as well write to Edna Romney. So, Sir, in desperation stakes we are sending on our latest grouches:

- The arrival on our shelves of a number of pharmaceutical specialities, the smallest pack of which is a 100-tablet size. As these tablets, etc., cost a lot of lolly (mostly dollar lolly) would it not be possible for manufacturers to pack a twenty-five size, as nine times out of ten that would be more than adequate. At least it might help to slow down our march towards bankruptcy.
- Instead of the usual ipecacuanhic letters which we receive from manufacturers, here is one which we would really appreciate:—

Dear Retail Chemist,

During the past fifteen years the cost of your rent, rates, wages, telephone, light and heat, etc., have at least

doubled, and all this on top of the abnormal rise in the cost of living. As practically one and all have been getting an annual wage increase it is a mystery to us how you, dear tailor, have managed to struggle along, especially since we notice that your percentage profit (wages) has remained stationary over the last number of years, and indeed we are sorry to say, in some cases, it has diminished.

As you probably are the most important factor in our most successful business, we feel that your loyalty should be rewarded by an extra per cent. profit. Assuring you, etc.

—Well! pass me a multini at the shop stewards!

- (c) Schemes! Coupons! Reduction! Free gifts! etc. The latest one is a well-known brand of tooth-paste reduced from 1s. 9d. to 1s. 4d. and we hear that another one is in the offing.

As these schemes come along with perpetual regularity, we are constantly pushing old stock into the background. Indeed, our oldest bottle-shaker tells me that he has some old tooth-paste which he intends to donate to our local museum. Also there is generally a reduction in profit and guess whose? (S under "B.")

Furthermore, Woolworths, etc., with their massive displays, catch the stragglers and bargain hunters who normally buy their tooth-paste in the chemist shop, while the grocer has an excuse for slipping a tube in the housewife's weekly order. By and large the pharmacist ends up with that cold feeling running up and down his spine, and it isn't black magic.

INCOMUCA

GLOSSARY OF TERMS

PIN PRICK: A jab with a No. 12 needle.

DESPERATION STAKE: Same as fillet steak or very much underdone.

MILTINI: Miltown dissolved in a Martini—popular drink in U.S.A.

PERISTALTIC: Please, not before the kiddies.

Ulster Chemists Association

Belfast

"Phoney" Research

SIR,—Many millions of pounds, dollars and marks must be spent annually on purely "phoney" research—in the field of medicine particularly. Their exploitation in our National Health Service is made far and away more costly by the army of employees who live and move and have their being in commercialising the end products of the efforts of a few real research workers. In recent years the "get-rich-quick" type of promoter has flooded our pharmacies with so-called "ethical" products whose only claim to research is the finding of a new name. The cost factor on our already overburdened National Health Service in which, if things continue on in the same way, no one will ultimately benefit but the directors, accountants, sales managers and publicity experts.

CRITIC

Do-Do***Tablets for Coughs
& Difficult Breathing***

Nationally advertised for over 20 years, Do-Do Tablets are to-day Britain's best seller in this field. Unequalled for Coughs, Bronchial Asthma, Asthma Spasms, Emphysema and any uncomplicated form of difficult breathing. Made to a balanced and proven formula, their excellence never varies.

Do-Do***Tablets for Coughs
& Difficult Breathing***

Retailing at 1s. 3d. (7 tablets) and 3s. 5d. (25 tablets) Do-Do Asthma Tablets are within everyone's reach. Advertising in the National and Provincial Press has been extensively booked for 1957. Supplies from your usual wholesaler, and from International Laboratories, Ltd., 205 Hook Road, Chessington, Surrey.

Do-Do***Tablets for Coughs
& Difficult Breathing***

Other equally good International Laboratory lines are

RELAXA-TABS for Nervous Tension

DALAY for Dysmenorrhoea

NEODEX for Stubborn Skin Ailments

BAUME DALET for Bunions

Pro-Banthine

for Peptic Ulceration

"Pro-Banthine" is the safe and potent anti-cholinergic which efficiently controls and decreases gastro-intestinal hypermotility and excess acidity. It's primary indication is peptic ulceration, but it has also proved highly effective in pancreatitis, hypertrophic gastritis, diverticulitis, biliary dyskinesia, spastic colon and other conditions.

"Pro-Banthine" containing 15 mg. Propantheline Bromide, is also available compounded with Phenobarbitone (15 mg.) for the treatment of peptic ulceration when complicated by mental stress and anxiety. Phenobarbitone suppresses parasympathetic stimuli at their origin, while "Pro-Banthine" forms a block at the autonomic ganglia and at parasympathetic nerve endings.



"Pro-Banthine" is administered orally and results in a rapid relief of pain.

The dosage of both "Pro-Banthine" and "Pro-Banthine" with Phenobarbitone is 1 to 2 tablets four times daily. Both products are available in bottles of 40, 100 and 1,000 tablets.

Order through your Wholesaler

SEARLE

G. D. SEARLE & CO., LTD.
HIGH WYCOMBE, BUCKS. Tel. : High Wycombe 1770

The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at

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TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

Rating Shocks

LOCAL-AUTHORITY rate demands are proving a shock for many traders, most of whom expected big reductions following the Government's 20 per cent. cut on rateable values. In a few districts traders are, in fact, being asked to pay as much as if not more than in 1956-57. The main reason, according to local-authority rating experts, is that the 20 per cent. cut in rateable values has done little more than help keep down what might otherwise have been a steep rise. The rate in the pound levied by most authorities has gone up by shillings, so as to help meet spiralling local-authority costs and compensate the civic purse for losses in rateable values following the 20 per cent. cut. A trader paying, say, 14s. in the £ on premises of a rateable value of £300 would thus have paid, in 1955-56, £210. Today, with a reduced rateable value of £240, and an increased rate in the £ of, say, 16s., he pays £192—for many a welcome but small reduction. Increased costs—particularly on the education and other county-council and county-borough departments—are expected to force rates in the £ to an even higher figure in most areas. In municipal circles little hope is held out that revaluation of domestic property and proposals to reduce industrial derating will affect traders' rates. Even traders who improve their shops and fronts to meet competition are likely to find the rateable values of their properties increased.

Responsibility for Damaged goods

THE question who is responsible when goods arrive damaged admits a number of answers according to circumstances. Theoretically the buyer should make clear to the seller how he wishes the goods to be forwarded (whether at owner's risk or at carrier's risk) but it is remarkable how often nothing is said upon that subject by either of the parties to the contract. Only when something goes wrong does it transpire, for example, that the consignment has, against what the buyer would have wished, been charged at the owner's risk. When that happens a claim against a carrier can only succeed if it can be proved that there has been wilful misconduct on the carrier's part.

The question is continually arising whether a buyer is justified in refusing to accept goods that have been badly damaged in transit. The conditions of the contract between buyer and seller must be referred to, and it must be ascertained whether the seller made any arrangement with the carrier to convey the goods to their destination. If goods are purchased on "carriage paid" terms, and forwarded by a railway carrier

at either owner's risk or carrier's risk, the liability remains with the seller until the consignment has been actually delivered into the buyer's possession. If, then, the goods are found damaged on delivery, the buyer need only tell the railway carriers of the condition of the goods, leaving the seller to claim on the carriers for the damage done. Where, on the other hand, goods are bought "free on rail," the responsibility for what happens during transit rests with the buyer, and the seller has no further responsibility after he has handed the goods to the carrier.

When goods are delivered by the seller to a carrier to be forwarded to the buyer, the property (i.e. the legal ownership) in the goods generally vests immediately in the buyer. The buyer then becomes the proper party to sue the carrier for loss of, non-delivery of, or injury to the goods, even though carriage may have been paid by the seller and the buyer may have given no direction that the goods were to be forwarded to him by a particular carrier.

All merchandise carried by a railway without special contract is carried at "carrier's risk" conditions. To bring the "owner's risk" conditions into operation the buyer must send in a request in writing to carry at the rate applicable to that risk. The request is only effective if an owner's risk rate is in operation for the goods involved.

Under common law a common carrier is an insurer of the goods which he contracts to carry, and liable for all loss of, or injury to, the goods while they are in course of transport, unless the loss or injury is caused by an act of God, or by the Queen's enemies, or is the consequence of inherent vice in the thing carried, or is attributable to a fault of the consignor. The liability of the common carrier is always absolute: he may be liable for loss or damage even in cases where he has taken every reasonable precaution, and even where no negligence can be proved against him or his servant. Railway companies (and their successor, the Transport Commission) are common carriers of goods by rail. Transfer of the railways to public ownership has not affected the legal position of the carrier-by-rail towards actual or potential customers.

There have, of course, been arguments as to the extent to which carriers-by-rail can be called common carriers, but they are of slight practical importance because the common law rule as to liability has, so far as the railways are concerned, been largely superseded by statute. The "Standard Terms and Conditions" are a codification of the railway carrier's liability at common law, subject to certain important changes. At "carrier's risk" the Transport Commission undertakes the common carrier's absolute liability. With one proviso the owner whose goods, carried at "carrier's risk," are either lost or damaged during transit does not need to prove anything but that they were so lost or damaged, and that in consequence he suffered pecuniary loss. His right to compensation does not depend upon his proving negligence on the part of the carrier's servants. The proviso is that they do not fall within four "Excepted Perils" under the Standard Terms and Conditions. The Transport Commission then becomes free from liability, but even so it is for the Commission to prove that all reasonable foresight and care was used in the carriage of the merchandise.

The four "Excepted Perils" are:—

1. ACT OF GOD.—The carrier is not liable for any

accident he can show was due to natural causes directly and exclusively (without human intervention), and that it could not have been prevented by any amount of foresight, pains or care from the carrier. Thus while rain and frost, for example, are forces of nature that may do much harm to certain classes of goods, they constantly occur and the carrier is expected to foresee them and guard against them. Lightning, extraordinary storms, or falls of snow may come within the category of extraordinary forces.

2. ACT OF WAR (or of the Queen's enemies); RESTRICTIONS BY GOVERNMENT; and LABOUR DISPUTES.—The carrier is not liable where loss or injury is caused by the Queen's enemies, but the expression does not include rebels, robbers or rioters: it means the armed forces of a foreign power with which the country is at war. If goods in transit on a railway are damaged by bombs from hostile aircraft, the railway carrier is not liable for their value. "Excepted Perils" also include a number of types of interference by Governments and their agents in peace as well as in war, as well as certain disturbances caused by outsiders. Examples are such interferences on the part of a Government authority as may result from a ban on consigning goods of a particular kind from an area infected by a contagious or epidemic disease. The Transport Commission does not have to prove that it has used reasonable foresight and care to avoid riots, civil commotions, strikes, lock-outs, stoppages or restraints of labour from whatever cause, whether partial or general.

3. INHERENT VICE AND DETERIORATION.—"Inherent vice" as applied to the carriage of goods, means some default or latent defect in the thing itself which, by its development, tends to injure or destroy the thing carried. Thus a carrier is not liable for injury to fruit or other perishable goods from heating or natural decay

during transit, provided he has taken all reasonable care of the goods according to their nature (to see, for instance, that they have proper ventilation). Nor is he responsible for the diminution of liquids by evaporation or leakage if it could not have been prevented by ordinary and reasonable care on his part; or destruction by spontaneous combustion.

4. CONSIGNOR'S OR CONSIGNEE'S OWN FAULT.—Where goods are liable to injury in transit unless they are protected by packing, it is the consignor's duty to pack them properly, and damage arising from its neglect, and without any fault on the carrier's part, is not damage for which the carrier is liable. Nor is the carrier liable for the consequences of insufficient or improper addressing, labelling and filling-in of the consignment note.

With goods sent at "owner's risk" the Transport Commission undertakes to compensate the owner for the consequence of any "wilful misconduct" the owner can prove against the Commission's servants. "Wilful misconduct" needs to be distinguished from "negligence." It means that a person does something, or omits to do something, knowing that his act or omission is wrong. It includes acting with reckless indifference, an attitude beyond negligence even of a gross kind. But even without proof of wilful misconduct the carrier is liable if the whole of a consignment that was properly packed and addressed does not arrive at all, and can avoid liability only if the cause of the non-delivery was accident or fire. It is up to the trader to prove that the accident or fire was due to the wilful misconduct of the carrier's servants. No proof of wilful misconduct is required to establish the liability of the Commission for loss due to pilferages from packages protected more securely than by paper or other readily removable packing.

Onward from Galen

A CURRENT CAUSERIE

THE chemistry of the alginates has become familiar to most pharmacists, but the organisation and perhaps the economics of the industry that has grown up to provide them are outside the ken of most of them. Many would be surprised to learn that 60 per cent. of the products of the Scottish seaweed harvest go for export, not only to Commonwealth but also to dollar markets. The raw material, "tangle," is gained the hard way, by crofters during the period November to March—months dominated by Atlantic gales. What prompts them to keep at it is the prize of £6 8s. per ton, according to the quality of the material. How much can a crofter earn by collecting the seaweed? One, according to the *Manchester Guardian* (March 23) collected as much as twenty-one tons. Alginate Industries (Scotland), Ltd., the organising company, handled a 1956 harvest of 6,000 tons. The main threat to what at present is a thriving industry is easier ways of life.



A FEW weeks ago there was published among these paragraphs a picture of part of the Strand in 1842. There has been brought to our notice by a subscriber an attractive folder in colour published by the Legal and General Assurance Society, Ltd., 188 Fleet Street, London, E.C.4, in which an elevation of the Strand in 1838 is reproduced from "Tallis's London Street Views." It shows on the north side of the street the business of a chemist and druggist, Lowden, who used the façade of his premises to advertise his "celebrated cough pills." The folder would be quite an acquisition by any pharmacist with a taste for the historical. We do not know whether it remains in print, or whether the company would welcome requests for that purpose only. But as personal pension schemes are one of the company's activities, and many pharmacists are currently interested in that subject, any chemist who wrote for information on that score would no doubt have his request for a "Fleet Street" folder kindly regarded.





AT THE “LION AND LAMB”

A pharmacy in a
Tudor inn at
Farnham, Surrey

ALTHOUGH, from the point of view of pharmaceutical history, there may exist older pharmacies more steeped in the tradition of the craft than that of Mr. Philip E. Leapman, M.P.S., F.S.M.C., 113A West Street, Farnham, there can be few that are conducted on more historic premises.

On that site, in the year 1537, was built the “Lion and Lamb,” a typical small Tudor inn. Its half-timbered façade is patterned with herring-bone brickwork, and latticed windows are tucked under the eaves of its steep roof of warm red-brown tiles. In Tudor times a ditch and palings marked the boundary of the borough of Farnham, which was closed at curfew. Only the church and the inn stood outside, and travellers arriving at the boundary after curfew had to put up at the inn until next morning. The premises remained an inn until early in the present century. During that time various alterations and reconstructions took place, especially during the late seventeenth and early eighteenth centuries, when the greater part of the town was built, but the exterior remained in appearance substantially the same. It still is so today.

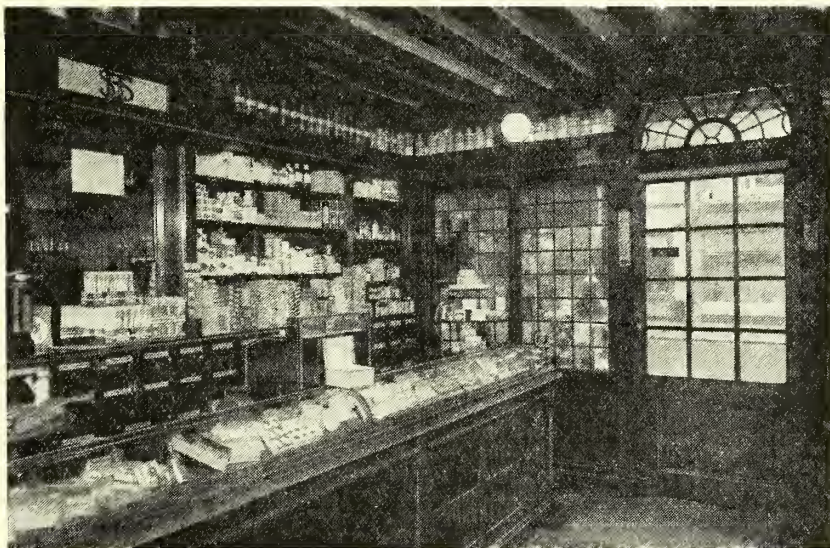
Slightly less than fifty years ago the inn was closed, not to reopen. The premises were renovated, restored and converted into shops, and one of them was a pharmacy, first owned by the firm of Edwards & Son. Later it was acquired by Trimming & Co., Ltd., a company with headquarters in Alton, Hants, by whom it was conducted as a branch under the managership of Mr. Tilley. Mr. Tilley eventually bought the business from his employers, and later sold it to Mr. Martin, from whom Mr. Leapman bought it in 1954. Although he acquired the premises only two-and-a-half years ago, Mr. Leapman is no newcomer to Farnham, having started in business in Downing Street in 1930. After two or three years he moved to 25 The Borough, from which he transferred his business to its present ancient site.

The pharmacy as it stands recalls the picturesque appearance and romantic atmosphere of the Elizabethan hostelry, but has added to them the comfort, modern equipment and labour-saving devices of an up-to-date, busy dispensing business. At the side of the

shop, under the triangular gable with its ornamental barge-board, a central gateway with a massive oak door gives access to a cobbled, galleried courtyard, where once the strolling players, perhaps even Shakespeare himself, played to an audience in the gallery of the inn; and where now customers park their cars, and vans deliver goods at the side door of the pharmacy.

Inside the shop the ceiling is criss-crossed with oak beams, most of which are new or restored, though some may have been there since the early days of the inn. At the end of the polished oak counter are carved two Æsculapian serpents. On the left, a gas-fire glowing in a pleasant little red-brick fireplace recalls the younger days of pharmacy, when many a front shop boasted an open coal fire. An antique metal mortar and pestle stand on the hearth. Beyond the fireplace a doorway with leaded panes leads into Mr. Leapman's combined office and sight-testing room.

Another door from the shop leads into a large, light dispensary, with central bench with laminated plastic top, stainless steel sink, gas-heated Manesty still, and metal filing cabinets for records and literature. There also are the earliest prescription books of the business, and the infusion pots, pill-machines and plaster-irons of a pharmacy that has



The layout of the interior shows how happily a modern pharmacy can be wedded to ancient architecture. The relationship of the pharmacy to the inn premises as a whole is shown in the titlepiece illustration.



A view of the dispensary.

passed or is passing. The long windows of the dispensary look out on to the old courtyard. From a doorway on the right a steep flight of steps leads down into the cellar, where it is even more apparent that the original features remain. Modern steel shelving houses merchandise and containers, but the floor is sloping and uneven, and overhead the massive beams date beyond doubt from the time when the inn was built. The vaulted ceiling is a reminder that here were the original cellars of the inn. At one end is a shallow flight of steps rising to a trapdoor, down which the barrels of beer and spirits were once rolled.



The courtyard behind the pharmacy. The balcony was once the gallery of the inn.

Mr. Leapman lives above the shop, in a flat as charming and as full of character and atmosphere as the rest of the premises. One of his predecessors had advertised the shop on the back of a bus ticket, and that may account for a telephone call on a recent Sunday evening, when a stranger rang up from London to ask the shortest way to a neighbouring town. Such a service may on occasion be performed by chemists elsewhere, but is completely in character of mine host of the "Lion and Lamb," whose heir Mr. Leapman may be said to be.

NEW BOOKS

American Drug Index, 1957

C. O. WILSON and T. E. JONES. *Pitman Medical Publishing Co., Ltd.*, 45 New Oxford Street, London, W.1. 8 x 5½ in. Pp. 650. 40s.

THE index is larger than the previous edition. It lists alphabetically, under their generic, proprietary, chemical, official and non-official names, the various pharmaceuticals available in the United States. Adequate cross indexing facilitates the finding of various drug combinations. Under the proprietary name are stated the manufacturer, composition, available forms, dosage and use. The index is a most useful source of information and invaluable to those pharmacists in the United Kingdom who get frequent prescriptions of American origin to dispense.

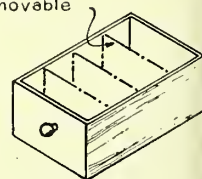
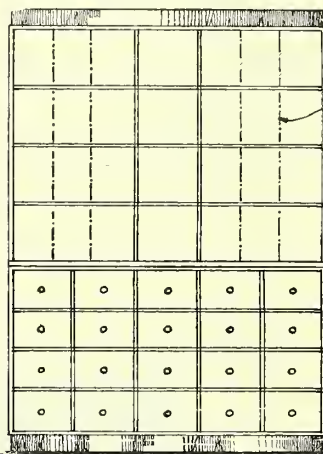


SHOPFITTING PROBLEM?

ANSWERS BY
JAMES GRIMM

What system can one adopt to store conveniently the multiplicity of new proprietary tablets, capsules, ointments and creams, nasal inhalers, all of which should be ready to hand and convenient in the dispensary? We have made two changes in our methods during the past few years, but the increase in variety and styles of containers is giving a constant headache. Our first try-out was a set of pigeon holes suitably lettered but, as the divisions were fixed, we soon found that method to be impractical. We now have shallow shelves arranged alphabetically, and they work after a fashion, but there are so many items under certain letters that it takes time to find a particular bottle occasionally. Many items are only called for now and again, as fashions in prescribing change, but it is still necessary to have them convenient to hand. Is it in your opinion possible to overcome the problem? Size of space available is 7 ft. high by 5 ft. wide by 1 ft. deep.

YOUR problem is common to many pharmacists, and like most other shopfitting problems it is one for which there is no standard remedy. The illustration shows a fitting to your dimensions and may assist you in your problem. First there are twenty small drawers, shown in the lower half of the fitting, the overall drawer-height being 3 ft. from the floor. Each drawer is fitted with a ticket holder (not shown),



DRAWERS

a central bronze knob handle, and two or three portable divisions. The upper half of the fitting would have two fixed vertical divisions centrally and three fixed shelves, with further portable vertical divisions as shown by the dotted lines. The portable divisions would enable you to meet the demand for a larger locker if any particular stock item became greater in number than the others. The fitting has a 3-in. cornice and base. My suggestion for stock allocation would be that all bottled items (jars, cream containers, etc.) should be kept in the upper half of the fitting, the shelf edges being ticketed to show stock positions. Smaller articles such as nasal inhalers, small capsule containers, and tablets should be kept in the first three lines of drawers. The lowest line of drawers should be kept for items not in constant demand. The arrangement gives twenty-eight open lockers and sixty drawer spaces (assuming two divisions per drawer) or a total of eighty-eight subdivisions, if that be not enough and you can spare a further 9 in. of floor space I would suggest having the drawers made 21 in. from back to front, keeping the upper half of the fitting still 12 in. deep from back to front. That would give a convenient shelf 9 in. wide by 5 ft. long at the 3 ft. level and permit three divisions per drawer, thus making 108 subdivisions.

PHARMACEUTICAL SOCIETY OF IRELAND

Monthly meeting of Council

A MEETING of the Council of the Pharmaceutical Society of Ireland was held in Dublin on April 9, Mr. P. F. McGrath (president) in the chair. Also present were Messrs. M. Power (vice-president), H. P. Corrigan (treasurer), P. A. Brady, T.D., T. R. Miller, V. McElwee, C. J. Cremen, A. A. Toher, F. J. Robinson, D. J. Kennelly, P. Fullam, M. Costello, J. Gleeson, T. B. O'Sullivan, F. Loughman, T.D., and James G. Coleman, B.L. (registrar). Apologies for absence were received from Miss L. Cunniffe, Mr. J. J. O'Regan, and Alderman M. L. Cashman.

Visitors were appointed to the April Licence and Assistants' examinations.

Cheque from Bord Failte Eireann

Mr. E. P. Kearney (promotions manager, *Bord Failte Eireann* (Irish Tourist Board)), wrote forwarding a cheque for £700 as the full and final payment from the Board of the grant made towards the local promotion expenses of the British Pharmaceutical Conference held in September 1956. Mr. Kearney wrote: "Please accept the Board's sincere thanks for your kind co-operation in a field of activity which the Board is endeavouring to cultivate to the best possible interest."

THE PRESIDENT said he would like to express the Council's sincere appreciation to *Bord Failte* for all it had done in connection with the Conference. The cheque now sent was a generous gesture. He moved, and the Council adopted, a resolution expressing the Council's best thanks to the Board, both for its generous grant towards promotion costs and for help given during the Conference itself.

On the recommendation of the House Committee it was agreed to make a grant of £10 towards the expenses of the Chemists' Debating Society. THE PRESIDENT said the debates organised by the Society were of a high standard, and had received considerable publicity in the daily Press. It was a good thing for the future of pharmacy to have such a society in existence. MR. KENNELLY said that the Society had been struggling to carry on, and needed funds to send out circulars, to cover postages and for other incidental expenses. By encouraging students to take part in debates on subjects outside pharmacy they helped to enlarge the students' knowledge. Most of the lecturers were delighted to come along and speak for the Society, which in that way made many friends for pharmacy.

The reports of the Law Committee and Certificates and Declarations Committees were submitted and approved.

THE REGISTRAR reported on the deaths of Messrs. William Doig, R.D., Henry Thompson McClelland, L.P.S.I., and Edward P. Magee, M.P.S.I.

The following changes of address were notified:—

Mr. Michael E. Doherty, M.P.S.I., to Foxford, co. Mayo; Miss Frances K. McManus, L.P.S.I., to Killala, co. Mayo; Mr. Timothy A. Mara, L.P.S.I., to 35 Dahlia Gardens, Mitcham, Surrey, England; Mrs. Angela Mara, L.P.S.I., to 35 Dahlia Gardens, Mitcham, Surrey, England; Mr. Peter J. Needham, M.P.S.I., to 8 Ashton Park, Monkstown, co. Dublin; Mr. Charles L. O'Reilly, M.P.S.I., to 29 Upper Eden Road, Glenageary, co. Dublin; Mr. Patrick C. Garvey, L.P.S.I., to Kilmaine, co. Mayo.

The Council considered a memorandum submitted by MR. A. A. TOHER on the desirability of providing a course of business training for pharmacists. THE PRESIDENT thought the Council should first make up its mind whether or not it wanted such a course of training. If it were decided that such a course would be a good thing, then it could be left to a committee to implement the recommendation. After discussion it was agreed, on the proposition of MR. P. A. BRADY, to set up a committee to collect information on the matter and to report back to the Council at a later date. Messrs. A. A. Toher, F. J. Robinson, D. J. Kennelly, T. R.

Miller, C. J. Cremen, and Dr. R. Timoney were appointed to the committee.

MR. FULLAM said he was much concerned, from the moral point of view, about the future of pharmacy. He had raised that matter in October 1956 and the Council was then to have some discussions on it. THE PRESIDENT said the matter had been brought up at two Council meetings; and MR. O'NEILL said the office had produced figures going back twenty-one years, on which the Council had a good discussion. It was not his intention that there should be discussions on the subject at every Council meeting. MR. BRADY said it was an admitted fact that there were too many pharmacies, but people could not be prevented from coming into the business; and MR. KENNELLY pointed out that, when the new regulations came into effect in 1958, there would be a big drop in the number qualifying. THE PRESIDENT said the discussion could be resumed next month if members had some ideas to bring forward.

A letter was read from the Soft Drink and Beer Bottlers' Association asking the Council to use its good offices to ensure that mineral-water bottles were not used as containers for turpentine, methylated spirit and other products dangerous to health. The practice, it was stated, was particularly dangerous to children, who were liable to drink out of such bottles. It was decided to ask the Irish Drug Association to refer to the matter in one of its circulars to members.

The Licence certificate of Mr. Aloysius Acton was signed and sealed. The following were elected members of the Society: Miss Eileen C. Larkin, Miss Susan M. Walsh, Messrs. Martin Howley, Michael E. Doherty, Michael M. Pettit, and Riobard F. MacConnmhaigh.

The following were nominated for membership: Messrs. Thomas B. Cahill, Main Street, Castlebar, co. Mayo; Patrick M. Cassidy, Balla, co. Mayo; Michael W. Burke, Ballyshannon, co. Donegal; Mrs. Annie T. Feely, Dublin Road, Tuam, co. Galway; and Messrs. Patrick C. Garvey, Kilmaine, co. Mayo; Stephen McNamara, Glenamaddy, co. Galway; Michael J. Treanor, Tullylane, Tydavnet, co. Monaghan.

At a meeting of the Benevolent Fund held at the close of the Council meeting nine grants totalling £67 were passed for payment.

FIFTY YEARS AGO

NO CONTEST FOR COUNCIL SEATS

From the C. & D., April 20, 1907, p. 583.

No contest for seats on the Pharmaceutical Council this year is a disappointment for those members who anticipate with pleasure this opportunity of expressing their disapproval of candidates in the usual manner by viciously jabbing a pen through their names on the voting-list. Without refusing sympathy with these earnest politicians it may be remarked that it is the Council itself which is the principal sufferer by the lapse of an election. It is not good for it to be encouraged in its easily acquired confidence in its own infallibility. Every administrative body is liable to this assumption and to put on airs in consequence. Once in three years is none too often for every member of the Council to have his jacket dusted by his constituents. Before 1898 each member had to justify his official existence every year, or two years at the longest. This is the first time under the present form of election that no appeal to the voters has been necessary. The previous uncontested election occurred in 1892, and the one before that in 1866. Perhaps the solid (or is it solid?) constancy of the electorate to its old representatives in the past few years has deterred new candidates from competition, but it is probable that they will be wanted in the near future.

"LOCUM"—A COLLOQUIALISM?

Scottish Executive seeks a definition

A MEETING of the Executive of the Scottish Department of the Pharmaceutical Society was held in Edinburgh on March 27, Mr. W. A. Park in the chair. The chairman, after referring with regret to the death of Mr. Colin Campbell, Glasgow (see *C. & D.*, March 2, p. 234), welcomed a newly co-opted member (Mr. J. W. Goodchild) and Messrs. Granville Shaw and F. W. Adams (the Society's president and secretary and registrar respectively). Mr. Adams reported briefly on the Council's action to get the Shops Bill amended in a way that would be acceptable to both employers and employees and maintain the professional responsibility of the pharmacist. MR. OFFICER said that the Scottish Pharmaceutical Federation had decided that "locum" was a colloquial term. Unless the term was defined to mean an employee or otherwise, the position was not clear.

Executive Election

Members of the Executive retiring this year and eligible for re-election are Messrs. J. D. C. Anderson, Aberdeen; W. C. Carmichael, Glasgow; J. B. Grosset, Edinburgh; W. A. Park, Aberdeen; J. Simpson, Banochory; and H. T. Thomas, Kelso. It was agreed that the meeting of scrutineers should take place on June 11 and that the annual and Branch Representatives' meetings should be held in Edinburgh on June 12. Mr. C. G. Drummond would deliver a paper on "The Diploma, the Degree and the Future." Discussion took place on a resolution from Dundee and Eastern Scottish Branch requesting that, about one week before the annual meeting, Branch Representatives should be supplied with a copy or synopsis of the address to be given by the speaker at that meeting. It was agreed to send a synopsis of Mr. Drummond's paper to Branch representatives and to follow that procedure in future whenever possible, subject to the speaker's consent. It was reported that the annual report of the Executive would be issued to members in Scotland on May 1. A meeting of Branch secretaries has been arranged for June 12 for discussion on the work of the Branches. Speaker at the winter session's inaugural scientific meeting on November 22 is to be E. J. Wayne (regius professor of practice of medicine, Glasgow University). Other evening meetings are being held also on January 15, February 19 and March 19. The quinquennial visit of inspection to the Heriot-Watt College, Edinburgh, and to Robert Gordon's College, Aberdeen, was reported to have been made, and the resignation of Mr. Robert McAdam, Glasgow, from the pharmacy committee at the Royal College of Science and Technology, Glasgow, was noted. It was agreed to send a letter of appreciation to Mr. McAdam on behalf of the Executive for his many years of valuable service. The resident secretary (Mr. D. McCall) was directed to consult with the secretary of the Glasgow and South-western Scottish Branch about the appointment of a successor

to Mr. McAdam, on the nomination of the Executive of the Scottish Department.

MR. ADAMS gave a brief report on the educational policy subcommittee's decisions that were being submitted to the Council for approval. The RESIDENT SECRETARY asked for an assurance that, before any decision was arrived at by the Council on the lengths of the course and period of practical training, the new syllabus would be submitted to the Scottish Executive for their observations, so that they would be given a chance to submit their views to the Council. MR. ADAMS said that the Executive could be assured that the Council would not embark on the final stages of the decisions for education without the views of the Scottish Executive being considered. It was agreed that arrangements should be made for the joint annual dinner of the Executive of the Scottish Department, Scottish Pharmaceutical Federation and Pharmaceutical Standing Committee (Scotland), to be held on the same date as, or a date adjacent to, the meeting of the Executive in October (probably 16 or 23). The hosts on that occasion would be the Executive of the Scottish Department.

THE CHAIRMAN reported that two prescription books had been received from Mr. A. G. Bruce, M.P.S., formerly of Melville Terrace, Edinburgh, dated 1870-81 and 1881-83; two prescription books covering the period 1851-81 and a small private prescription book dated 1869 had been received from Mr.

John S. Lowe, M.P.S., Kinross, and an old private book of prescriptions, dated about 1860 or 1870, had been received from the Glasgow and South-western Scottish Branch and Glasgow Pharmacy Club. Mr. William Henderson, M.P.S., Edinburgh, had asked the Scottish Department to accept on his decease as a gift in perpetuity a gold fob-seal with the "working tools" of an old-time pharmacist, together with a castor-oil spoon in pewter.

THE RESIDENT SECRETARY said that a circular had been sent to all Members of Parliament who represented constituencies in Scotland, asking them if they would be willing to support changes in legislation governing the method whereby pharmacists in Scotland obtain exemption from jury service, and to secure an amendment of the Methylated Spirits (Sale by Retail) (Scotland) Act, 1937, whereby a statutory declaration, signed by a Justice of the Peace, might be obviated. Replies had been received showing some support for the project. One suggestion was that a Member should be persuaded to bring in a Private Member's Bill for an amendment to the Juries (Scotland) Act, 1825. MR. H. T. THOMAS asked whether, in view of the impending resignation of doctors from the National Health Service, any discussions by pharmacists were taking place. The RESIDENT SECRETARY said that when doctors resigned the question of provision for the supply of medicines could not be allowed to take care of itself, and he proposed to raise that matter through the Pharmaceutical Standing Committee (Scotland) and with the Department of Health for Scotland.

HEALTH SERVICE ACCOUNTS 1955-56

Doctors collecting too few shillings?

COMMENTS on the low total of prescription charges collected by dispensing doctors are made by the comptroller and auditor-general in his reports in the recently published separate National Health Service summarised accounts, 1955-56, for England and Wales and for Scotland. The reports are obtainable from H.M. Stationery Office, price 3s. and 2s. each, respectively.

In his report on the English and Welsh accounts, the comptroller says that in 1954-55 remittances by dispensing doctors for all areas averaged about 1.8 statutory charges for the year for each patient on the dispensing lists, whereas collections averaged about 3 per patient for the year for patients whose prescriptions were dispensed by chemists; and some areas had a rate of collection consistently below the general average. For doctors paid capitation fees it was not possible under present arrangements to make any direct check of the adequacy of the charges collected. For the minority of doctors paid for prescriptions actually dispensed some check was possible. A few doctors whose remittances had appeared to be inadequate had been surcharged. It had been found impossible to negotiate a fixed abatement of payments to dispensing doctors to take account of the charges. When some experience of the effect of the new charges had been

gained, Executive Councils were being reminded to investigate cases where too few charges were apparently being collected.

In Scotland, the charges brought to account for 1955-56 for all areas averaged per patient only 40 per cent. of the corresponding figure for patients whose prescriptions were dispensed by chemists. The Department of Health for Scotland was advised that the present Regulations did not place a properly constituted obligation on dispensing doctors to collect the shilling prescription charges. It was impossible to check how many shillings should have been collected by doctors paid on a capitation basis. And since that method of payment was more economical than payment on the Drug Tariff basis there was no advantage in abolishing it. The Department was also advised that the issue of Regulations providing for the formal reference of *prima facie* cases of under collection to Local Medical Committees for determination would be *ultra vires*. Pressure exerted by those Committees was therefore relied upon. It was hoped that with support from the medical profession it would be possible to improve the effectiveness of the present machinery for securing recovery.

IN ENGLAND AND WALES, pharmacists were paid for normal services

£49,382,591 (an increase of £2,360,490). For services outside normal hours under rota schemes they were paid £293,953 (an increase of £7,496 over the previous year).

In ENGLAND, drugs and dressings in acute hospitals administered by Hospital Management Committees was £5,654,202 (5.2 per cent. of total maintenance expenditure). For mental illness hospitals that cost was £540,823 (1.3 per cent. of total maintenance expenditure). For all types of Committee-managed hospitals, drugs and dressings expenditure

was £8,172,175 (3.6 per cent. of total maintenance expenditure); for all types of Board-managed hospitals, expenditure was £1,765,668 (4.2 per cent.).

In WALES, the drugs and dressings in acute hospitals under Hospital Management Committees cost £391,991 (5.8 per cent. of total maintenance expenditure). For mental illness hospitals that cost was £30,052 (1.1 per cent.). For all types of Committee-managed hospitals, drugs and dressings expenditure was £577,343 (4.1 per cent. of total expenditure); for all types of Board-

managed hospitals that expenditure was £58,468 (5.4 per cent.).

In SCOTLAND, pharmacists were paid £5,805,497, a decrease of £297,000. An additional £5,015, (£5,175) was paid under rota schemes. Pharmacists' salaries, etc., at the Sighthill, Edinburgh, Health Centre amounted to £1,203, compared with £1,010 the year before. The cost of drugs and appliances at the Centre was £4,794 (£3,399). Drugs and dressings in Scottish hospitals cost £1,668,702 (5.2 per cent. of total running costs).

HUMAN RELATIONS IN THE HEALTH SERVICE

Sir Hugh Linstead gives Sidney Body lecture

THE National Health Service—at least in some of its aspects—has been an unhappy exception to the custom in Britain to accept with good grace a political decision once the struggle in Parliament was over. So said SIR HUGH LINSTEAD, LL.D., F.P.S., M.P. (a secretary of the Pharmaceutical Society) when he delivered the 1957 Sidney Body lecture at Southend General Hospital on April 12. The following are extracts from his address.

Ever since it started in 1948 the Health Service has been the subject of political dispute. And it still can rouse fierce feelings, as can be seen in the current controversy over doctors' remuneration. That is not merely an unhappy state of affairs in itself. There is a real danger that if one concentrates upon its political problems one may forget that of all the social services the National Health Service is one of the most human. It is necessary of course to keep the patient in the centre of the picture. Yet it is equally important to remember that doctors, nurses, administrators are themselves people and so themselves subject to some at least of the frailties of human nature.

The new hospital service has brought many improvements in its train. But in the process not a little that was good and valuable in the way of voluntary effort was "bull-dozed" away.

90 per cent. of the members of Regional Hospital Boards, Hospital Management Committees and of House Committees are volunteers. So are the members of the Executive Councils and of their professional committees and subcommittees. Those are the statutory volunteers. Side by side with them are the "voluntary" volunteers.

The respective rôles of the voluntary committee member and of the official are never easy to define in practice. An official who is not seized with the importance of the rôle of the committeeman will regard him as an encumbrance in the way of "getting on with the job." A committeeman who cannot draw the line between policy and administration will waste time and energy in doing badly and by jerks what it is the task of the official to do smoothly and in due order. The wise official will see that his committee is kept informed of current events. On his side, the volunteer, the committeeman, must respect the boundaries between policy which is his concern and administration which is only his concern to the ex-

tent that he must be satisfied that it is well carried out.

So far as the general practitioner in the Health Service finds that he is less in control of his relations with his patients than he used to be I have no great sympathy with him. After all, he has all the cards in his hand. An old Latin verse translates itself:—

Four faces has the doctor
angelic when you send for him
divine when he treats you
human when you are better
diabolic when he presents his bill.

The National Health Service has done away with the bill. Human, angelic, divine, what more does he want?

The real dissatisfaction of general practitioners is not primarily with their financial reward nor with the demands made on them by their patients. It arises from the fact that they are for good or for bad all now caught up in a statutory service and that three or four major professional freedoms that were at one time theirs are now denied them. For example, until 1948 a doctor was free to put up his plate where he liked and build up or fail to build up a practice according to his energy, zeal and ability. The National Health Service has designated over-doctored areas. It is easier now for Dives to get help from the National Assistance Board than for a doctor from West Ham to go to Bournemouth to practise there. Entry into consultant practice is hedged about with similar obstacles.

Another problem is created by the method of payment by capitation fee. Its effect is to bring the general practitioner to his maximum early in his professional life, so that his earnings at fifty-five may be what they were when he was thirty-five unless higher fees have been negotiated in the meantime. It is not only the sum total of their conditions of work under the Health Service that is responsible for general practitioners being disgruntled today, but equally the limitations on professional freedom which any State service must impose. And that must affect their attitude to their work.

Far too many hospitals are places of mystery where white-coated figures move impersonally on strange errands. They may indeed be as much places of fear as of hope. A primary task for a hospital must always be to combat that impression and to substitute for it the assurance that it is a friendly, human institution whose reason for existence is to serve its patients.

Enormously though the organisation of out-patients' departments has improved since 1948 and efficient though many of the appointment systems certainly are, the reception of patients remains a weak link in the chain of organisation of the hospital service. In this day of automatic offices the efficient operation of an appointments system for out-patients within an error of, let us say, half an hour is frankly child's play.

The late Sir James Spence of Newcastle in an address reproduced in part in *The Lancet* dated January 1, 1955, suggested that if the hospitals are to fulfil their highest purpose they must seek to become institutions and not parts of a service. That is, by his definition, a place organised upon consent and not upon a chain of command. Imagine the quality of service, the *esprit de corps*, the sense of humility and responsibility in a hospital that had made itself such an institution, so that (again following Spence) every member of the staff had a personal, unwritten contract with every patient for his care and cure.

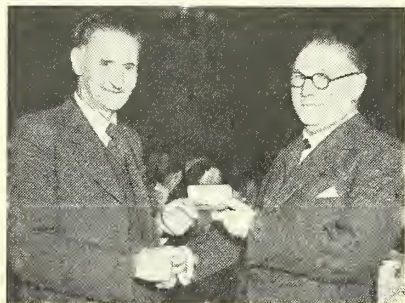
Those who are responsible for the welding together of men and women into a great team in the service of a hospital and its patients are engaged in that most satisfying of pursuits that Oliver has so finely named "the infinite adventure of governing men"—and women too. Basically I am sure that success in that adventure depends upon bringing out from each member of the staff the utmost that he has to offer his job and his hospital. It means that those in authority must deliberately seek to put on each man's shoulders a rather greater responsibility than it seems likely he can bear. It means giving credit where credit is due often to a greater degree than it may be due. It means accepting responsibility for the omissions of subordinates with a good grace.

Efficiency in a hospital is not to be measured by well-kept minutes, scrupulously edited reports, impeccable statistics, unchallengeable accounts. Such things, or something not unduly remote from them are of course essential. But they are pure machinery. The machine must be there and must function efficiently. But the supreme evidence of its efficiency is that it transcends efficiency and becomes human. That is the ultimate test of the good administrator—that he can breathe into the machine he has created the breath of humanity.

FESTIVE OCCASIONS

A ROMFORD WHOLESALE Presentation at a Staff Dinner

OVER 100 employees of Macarthy's (Wholesale Chemists), Ltd., Romford, and its "parent" retail company brought partners to an equal number to a celebration dinner and dance given by the directors on April 3. The chairman of the company (Mr. Ritchie) was present but the company's managing director (Mr. E. E. Farrant) presided over the dinner, with Mr. J. D. Mackenzie "borrowed" from the local



Mr. E. C. W. Copeman receives a gold wrist-watch from Mr. E. E. Farrant in recognition of thirty years' service.

branch of the Pharmaceutical Society to act as M.C. MR. FARRANT, in proposing a toast to the staff of the companies, said that the expansion of the wholesale company had been in large measure due to the good service of the staff and the good planning of Messrs. A. R. Ritchie and Kenneth Holland (directors). The prospects of the company were good. MR. W. MILLAR (Macarthy's, Ltd.) replied, praising the chairman of the two companies for having always had the welfare of the staff at heart. A high spot of the evening was the presentation of a gold wrist-watch to Mr. E. C. W. Copeman, stock-room manager and the company's longest-serving employee (with thirty-two years' service to his credit). An inscription on the watch reads: "April 3, 1957. Presented to E. C. W. Copeman by Macarthy's, Ltd., in appreciation of over thirty years' loyal service to date," the last two words being, according to the chairman, an expression of the company's confidence that he would be active with the company for a long time.

BRIGHTON AND HOVE

A Democratic Moan ?

"THE Pharmaceutical Society is a democratic body with its Council elected by members. Having elected them we proceed to moan and groan about them." So said MR. R. G. MUMFORD (chairman) at the annual dinner and dance of Brighton and Hove Branch and Association held at Hove on April 3. Among the guests were Mr. Granville Shaw (president of the Pharmaceutical Society), Dr. A. Hall (president of the British Medical Association), Mr. R. J. Hooker (president of the British Dental Association) and the mayors of Hove and of Brighton. Mr. Mumford, who is president of the Association, proposed the toast to the Pharmaceutical Society and

in reply MR. GRANVILLE SHAW thanked Mr. Mumford for "an unusually frank speech." He told the many doctors present that the Society sympathised with them in their efforts to get the Minister of Health to realise that the pound of July 1948 was now worth 13s. 4d. A short history of the Association and Branch printed in the menu was commented on by Dr. Hall, who proposed the toast of the Association and Branch. He noted that the simple objects which originated the Association, now within sight of its centenary, had long since become inadequate and had had to be supplemented. Doctors and pharmacists had many common problems, one of which was the confusion of the gradual change over to the metric system. DR. HALL, in lighter vein, wondered what happened to pharmacists' outmoded stocks. He never noticed them having Spring and Autumn sales, or window displays of 1956 antibiotics at "fabulously reduced prices." He also commented upon the happy relationship doctors and pharmacists had always enjoyed in the town. MR. R. L. STEPHENS (Branch chairman) in reply outlined the activities of the Branch and Association during the past year. Proposing "Our Guests," MISS MARY BURKITT drew attention to the unique occasion that in one year the presidents of the B.M.A., the Dental Association and the vice-president of the Pharmaceutical Society should all be resident and in practice in Hove. Among other

guests she mentioned were the chairman of the Brighton, Hove and Mid Sussex Division of the B.M.A., Dr. P. Davis (chief pharmacist, Ministry of Health), Mr. J. C. Bloomfield (a member of the Pharmaceutical Society Council) and Mr. W. G. Stone (director of education for Brighton). After dinner dancing took place until 1 a.m., during which a raffle in aid of the Pharmaceutical Society's Benevolent Fund realised the worthwhile total of £36.

HULL

In Sheriff's Parlour

THE last meeting of the triennial session of Hull Pharmaceutical Committee was held in the sheriff's parlour Guildhall, Hull, recently, and was preceded by a dinner. The sheriff (Mr. E. A. Brocklehurst, chairman of the committee) presided. The clerk of the Executive Council (Mr. J. W. Milton) and deputy clerk (Mr. H. Close) were guests, and also present were the four new members of the Committee, which has just been elected. Messrs. S. J. Boyce and R. H. Watson with nearly thirty years' service, and Mr. C. V. Kingswood with six years', the retiring members, were thanked by THE CHAIRMAN for their valuable help and support. He then proposed the health of the guests "who were always willing to co-operate with the chemist contractors." MR. J. W. MILTON replied and said that the experience Mr. Brocklehurst had gained in the high offices he had held in the world of pharmacy had enabled him to carry out the duties of sheriff with great success.

BRANCH AND ASSOCIATION MEETINGS

ISLE OF WIGHT

Therapy with Cortisone

NEARLY fifty people, including some doctors and nurses, attended a meeting of the Isle of Wight Branch of the Pharmaceutical Society, at Ryde, on April 4 when Dr. J. J. Merry (medical director, Merck Sharp & Dohme, Ltd.) spoke on "Therapy with Cortisone." A colour film was also shown. Questions afterwards led to an interesting discussion. Mr. C. E. Fry presided.

HARROGATE

Society's Disciplinary Procedure

THE Pharmaceutical Society's disciplinary procedure was outlined by MR. W. R. ROBERTS (chief inspector, Pharmaceutical Society) at a recent meeting of Harrogate Branch of the Pharmaceutical Society. He said that the basis of all disciplinary action was to earn the esteem and respect of the public. The rules, which really meant self discipline were to improve the pharmacist's status, which was built up by the behaviour of members. Following the Pharmacy and Poisons Act, 1933, the Statutory Committee was formed. It had the power to remove from the Register of pharmacists, refuse admission to the Register or reinstatement of any member. All complaints from the public or other professional men regarding pharmacists, and reports from the police of pharmacists convicted of civil offences, were sent to the chairman of the Statutory Committee, who discussed them with his secretary and

either took no action, sent warning letters, or called an inquiry. In 1956 out of thirty-three complaints only four were inquired into. Of those no action was taken in one case, two were adjourned for one year and one for two years. In the case of an inquiry members were given twenty-eight days' notice and in the event of being struck off the Register the member was allowed three months in which to appeal. Recalling one of the first cases of appeal, where the member was struck off for misconduct, Mr. Roberts said that the remark of the High Court judge upholding the decision of the Statutory Committee was "The best people to determine what is misconduct by a pharmacist are pharmacists themselves."

GUILDFORD

Colour Transparencies

COLOUR transparencies of Scotland and of Brixham, Devon, were shown at the annual meeting of the Guildford Branch of the Pharmaceutical Society on April 4 by Mr. J. R. Herring. Some of the pictures were taken on the route from Aberdeen to the Lynn of Don and recalled for some members the route of the British Pharmaceutical Conference excursion in 1955. A talk on Birdsgrove House was given to the members by Mr. T. Reid (a member of the Society's Council) and the remainder of the evening was devoted to an informal discussion of matters of pharmaceutical interest.

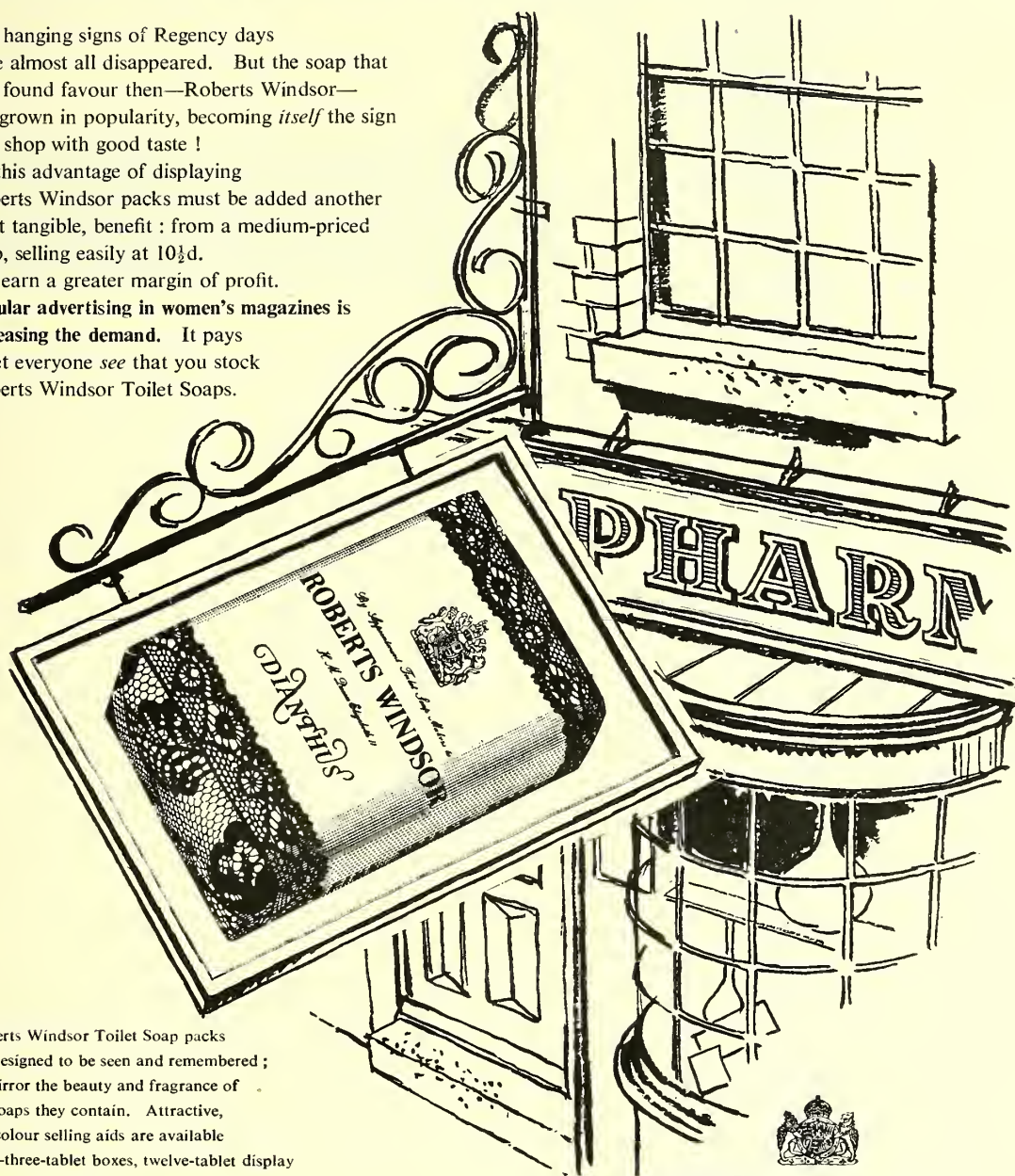
A Sign of Discrimination

The hanging signs of Regency days have almost all disappeared. But the soap that first found favour then—Roberts Windsor—has grown in popularity, becoming *itself* the sign of a shop with good taste!

To this advantage of displaying Roberts Windsor packs must be added another most tangible, benefit: from a medium-priced soap, selling easily at 10½d.

you earn a greater margin of profit.

Regular advertising in women's magazines is increasing the demand. It pays to let everyone see that you stock Roberts Windsor Toilet Soaps.



Roberts Windsor Toilet Soap packs are designed to be seen and remembered; to mirror the beauty and fragrance of the soaps they contain. Attractive, full-colour selling aids are available too—three-tablet boxes, twelve-tablet display boxes, and Floral Basket dispensers.



By appointment to H.M. the Queen Mother,
Toilet Soap Makers,
Roberts Windsor Soap Co. Ltd.



ROBERTS WINDSOR

loveliest of toilet soaps

ROBERTS WINDSOR SOAP CO. LTD., THE ACRE, WINDSOR
and Victoria Soap Works, Colwick, Nottingham



STANDING ALONE

Can a *single* therapeutic agent establish full mastery over a wide range of intractable conditions?

To this question, ACHROMYCIN tetracycline has undoubtedly provided the conclusive answer—for here, indeed, is the *self-sufficient* antibiotic. No other antibiotic has a broader antimicrobial spectrum. No other antibiotic—or combination of antibiotics—offers a wider measure of effective control. That is why ACHROMYCIN needs no added support in combating an impressive range of infections, and has won unqualified acceptance among doctors and hospitals throughout the world.

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THE **SELF-SUFFICIENT** ANTIBIOTIC

Capsules · Ear Solution · Intramuscular · Intravenous · Ointment 3%
Ointment (Ophthalmic) · Ophthalmic Powder Sterilized · Oral
Suspension · Liquid Pediatric Drops · SPERSOIDS* Dispersible Powder
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^{*} REGD. TRADE MARK

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TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, APRIL 17: All sections of the market report quiet conditions, with little interest shown by buyers and few price fluctuations. One maker has announced reduced prices for citrates.

The spot market for most CRUDE DRUGS was little changed on the previous week. RUSSIAN LIQUORICE ROOT was, however, in firmer hands, with supplies less plentiful. The root from Russia now commands a premium of 5s. per cwt. over the Anatolian variety—a reversal of the position that obtained until a few months ago. JAMAICA GINGER is a shade easier, both on spot and for shipment. A few of the better grades of Alexandrian SENNA PODS are available on the spot at between 4s. 6d. and 5s. 6d. per lb. Tinnevely leaves remain in short supply. Shipments of Tinnevely senna from the port of Tuticorin in March were as follows:

	U.K.	U.S.	Continent
SENNA LEAVES	15	21*	78
PODS	—	1*	1

*This includes 5 tons leaves and 1 ton pods to Buenos Aires.

MACE was 6d. to 1s. per lb easier on the spot and Continental LOBELIA of good quality is being offered at 5s. 9d. per lb. against 7s. recently. High-testing parcels of IPECACUANHA were hard to find, both on the spot and in near positions, while origin was for most of the time unable to offer. Peruvian silver-grey COCHINEAL was down 2s. per lb. on the spot, but only the black-brilliant grade of Canary Isles origin was on offer. In AROMATIC SEEDS the prices for shipment of CUMIN and DILL were advanced. Spot LOBELIA was again lower at from 5s. 9d. to 6s. 6d. per lb. to origin. The somewhat firmer conditions pertaining to Indian CASTOR OIL of origin have lent support to the domestic oil, the price of which (as noted last week) was advanced by £5 per ton to £188. Spanish sweet FENNEL was easier by 2s. per lb.

Pharmaceutical Chemicals

ACETIC ANHYDRIDE. — 10-ton lots are quoted at £134 per ton, delivered U.K. returnable drums; 1-ton lots, £136.

CHLORAL HYDRATE. — In 1-cwt. lots the price is about 4s. 3d. per lb.

CITRATES.—Rates (per lb.) for 1-cwt. and 5-cwt. lots are as follows:—

	1 cwt.	5 cwt.
	s. d.	s. d.
DIUM†	2 11	2 10
POTASSIUM†	3 5	3 4
SODIUM AND AMMONIUM*	3 11	3 10

*powder 2d. per lb. more.

†calcs 9d. per lb. more.

PHOSPHORIC ACID. — B.P. (s.g. 1.750) is quoted at 1s. 4d. per lb. in 10-carboy lots. 2 carboys, 1s. 8d. per lb. B.P. 1914 is quoted from 1s. 2d. to 1s. 6d. per lb. PYROPHOSPHOROUS, B.P.C., in winchesters from 5s. 9d. to 6s. 10½d. per lb., as to antity.

PHYSOSTIGMINE.—Current rates per oz. are:—SALICYLATE, 1-oz. 282s.; 4-oz., 6s. SULPHATE, 358s. and 352s. ALKALOID, 414s. and 408s., respectively.

PIPERAZINE.—CITRATE is 47s. 6d. per lb. ADIPATE, 42s.

POTASSIUM SULPHATE. — 1-cwt. lots are from 1s. 2d. to 1s. 3d. per lb.

RESORCINOL. — 1-cwt. lots are now quoted at 13s. per lb. by manufacturer.

SALICYLAMIDE. — Price (per lb.) for 1-cwt. lots is 8s. 6d.

SALOL.—Quotations for B.P.C. are about 9s. per lb. for 1-cwt. lots.

SEMICARBAZIDE HYDROCHLORIDE.—Technical grade is 19s. per lb. for 1-cwt. lots.

SILVER SALTS. — NITRATE (1,000-oz. lots), 4s. 5½d. per oz.; PROTEIN, 36s. 3d. to 42s. 9d. per lb.; VITELLIN from 68s. 6d. to 76s. 6d. per lb. as to quantity.

SODIUM THIOSULPHATE.—Makers' price for 1-ton lots in paper-lined bags is £33 15s. per ton.

STILBOESTROL. — 1-kilo lots of B.P. and DIPROPIONATE are 730s. per kilo.

SULPHOCARBOLATES. — SODIUM PHENOL-SULPHONATE, B.P.C. (powder) is 5s. 6d. per lb. in 1-cwt. lots and ZINC, B.P.C., is 5s. 6d.

TERRYPYR HYDRATE. — Prices are from 6s. per lb., upwards as to quantity.

THEOBROMINE. — ALKALOID is from 25s. 6d. to 26s. 6d. per lb. and SODIUM SALICYLATE, 22s.

THEOPHYLLINE.—1-cwt. lots of ALKALOID, ANHYDROUS, are quoted at 18s.; AMINOPHYLLINE is now 18s. 6d. per lb.

Crude Drugs

ACONITE. — Spot supplies of Spanish *napellus* are 3s. 3d. per lb., duty paid.

AGAR.—*Kobé* is 12s. 6d. per lb., duty paid. April-May shipment, 10s. 9d., c.i.f.

ALOE. — Cape prime for shipment is 326s. per cwt., c.i.f.; and spot 350s. Curaçao for April-May shipment is quoted at 390s., c.i.f.

ANISEED (STAR). — Chinese is 160s. per cwt. on the spot.

ANTIMONY.—English 99.6 per cent. is £222 10s.; 99 per cent., £210 per ton.

BALSAMS.—Quotations (per lb.) are:—CANADA: Spot value 30s. COPAIBA. Para is from 7s. 9d. to 11s., duty paid. PERU, 10s., duty paid, Tolu (genuine as imported), 26s.; B.P., 17s. 6d., spot.

BELLADONNA.—Herb is 2s. 6d. per lb. on the spot. Root, 1s. 10d. spot; shipment, 1s. 3d., c.i.f.

BENZOIN.—Sumatra block on the spot is from £25 to £30 per cwt. No. 1 for shipment is £23 5s., c.i.f. Almonds, 15s. per lb., c.i.f.

BUCHU. — New-crop on the spot is offered at 7s. per lb. and for shipment at 6s. 6d., c.i.f.

CAMPHOR. — B.P. POWDER is from 5s. 6d. per lb., duty paid. TABLETS, ¼-oz. are 5s. 9d., c.i.f. and 6s. in bond.

CAPSICUMS. — East African are from 120s. to 210s. per cwt. on the spot, as to quality.

CARDAMOMS. — Aleppy greens on the spot are 15s. 6d. per lb. and shipment, 14s., c.i.f. No. 1 seed, 22s. per lb.

CASCARA SAGRADA. — American 1955 peel is 345s. per cwt., duty paid. 1956 processed peel for shipment, 300s., c.i.f.

CASCARILLA.—Spot market bare of whole cut bark. No shipment offers.

CASSIA BARK. — Whole on the spot is now quoted at 120s. per cwt., in bond, with forward offers still unobtainable.

Broken, 110s., in bond, and shipment, 105s., c.i.f.

CHERRY BARK. — Thin natural is from 1s. 10½d. per lb., duty paid, and rossed, 2s., on the spot.

CHILLIES.—Mombasa on the spot are 210s. per cwt., and 195s., c.i.f., for shipment.

CINNAMON.—Ceylon for shipment (c.i.f.) per lb., OOOO, 8s. 6d.; OOO, 8s. 3½d.; OO, 8s. 2d.; seconds, 6s. 4½d.; featherings, 2s. 8d.; quillings, 4s. 5d.; chips, 1s. 1d.

CLOVES. — Zanzibar on the spot are quoted at 3s. 7½d. per lb. Shipment, 3s. 4½d., c.i.f.

COCHINEAL. — Silver-grey Peruvian, 12s. 6d. per lb. Canary Isles black-brilliant, 28s.

COCILLANA.—Bark is 1s. 11d. per lb. on the spot.

DIGITALIS LEAF.—Purpurea is offered at 1s. 3d. per lb., c.i.f.

ERGOT. — Portuguese is 6s. per lb., c.i.f., for prompt shipment and 7s. 3d., spot. American, 7s. 3d., c.i.f. Bulgarian, 9s. 6d.; Hungarian defatted, 13s. 6d., spot.

GENTIAN. — Spot: French, 185s. per cwt.; Spanish, 165; Jugo-Slavian, 155s.

GINGER. — African on the spot is 175s. per cwt. and April-May shipment, 175s., c.i.f. Jamaican No. 3 is a shade easier with spot at 540s. and April-May shipment at 410s., c.i.f.

GUM ACACIA. — Kordofan cleaned sorts are 152s. 6d. per cwt. on the spot; afloat, 137s., c.i.f.

HONEY. — Australian light-amber is 135s. to 140s. and medium-amber, 127s. 6d. to 132s. 6d. Argentine, 135s. to 137s. 6d.; Jamaican, 147s. 6d. to 152s. 6d., all per cwt., on the spot.

IPECACUANHA. — No shipments have arrived since the previous report and there are no offers of origin except from Matto Grosso, where the price mentioned is around 48s., c.i.f., and from Costa Rica, where the quotation is 62s. 6d., c.i.f.

JALAP ROOT. — Mexican is from 5s. 6d. to 6s. 6d. per lb. on the spot, according to test.

KARAYA.—No. 1 gum on the spot is now quoted lower at 260s. per cwt. and No. 2 at 215s.

KOLA NUTS. — Jamaican are offered at about 8d. per lb., spot, and 6½d., c.i.f. African, 5½d.

LANOLIN. — ANHYDROUS, B.P., is from 175s. to 190s. per cwt. and HYDROUS, B.P., 150s. to 170s.

LIQUORICE. — Natural root: Anatolian is 45s. per cwt. Russian, 50s. spot and 47s., c.i.f. Block juice: Anatolian, 200s. per cwt.; Chinese and British, 195s. on the spot. Italian stick from 310s. to 476s. per cwt. Spray-dried extract, 2s. 9d. per lb.

LOBELIA HERB. — Spot offers are from 5s. 9d. to 6s. 6d. per lb.

MACE. — Whole on the spot is from 24s. to 24s. 6d. per lb.

MENTHOL.—Chinese. Spot is 51s. per lb., duty paid; afloat, from 47s. 6d. to 48s., c.i.f., as to position. Brazilian, spot, 42s. 6d., duty paid; shipment, 39s. 6d., c.i.f.

MERCURY. — Price per flask (76-lb.) is £86 on the spot.

NUTMEGS. — West Indian 80's not quoted; sound unassorted, 14s. 3d. per lb.; wormy and broken, 9s. 6d.

ORANGE PEEL. — West Indian bitter

quarters are 11d. to 1s. per lb.; Spanish 1s. to 1s. 3d.; thin-cut Tripoli, 2s. 3d.

PAPAIN.—Scarce. East African grade 2 is 28s. per lb., spot; No. 1 nominally 32s. 6d. per lb.

PEPPER.—White Sarawak is 2s. 2d. per lb. on the spot, with prompt shipment at 2s. 1½d., c.i.f. Black Sarawak is offering on the spot at 1s. 8d. per lb., shipment, 1s. 6½d., c.i.f. Black Malabar, 210s. per cwt. on the spot; prompt shipment, 190s., c.i.f.

PEPPERMINT LEAVES. — Dutch for shipment are offered from 2s. 6d. to 3s. per lb., c.i.f.

PIMENTO. — Spot is 590s. per cwt. with forward at 540s., f.o.b.

PODOPHYLLUM. — *Emodi* is 165s. per cwt., c.i.f. *Peltatum*, 4s. per lb. spot, and 430s. per cwt., c.i.f., for shipment.

QUASSIA.—Chips are 42s. 6d. per cwt. on the spot, and 32s. 6d., c.i.f.

QUILLATA.—Spot offers of bark at 220s. per cwt. with shipment at 175s., c.i.f.

RHUBARB.—Quotations for Chinese are from 6s. 6d. to 9s. 3d. per lb., as to quality.

ROSEMARY.—Spanish oil on the spot is 7s. 6d. per lb., duty paid.

SAFFRON.—Mancha Selecta is 280s. per lb., on the spot.

SARSAPARILLA.—Jamaican native red on the spot is 2s. 9½d. per lb., and for shipment, 2s. 8d., c.i.f.

SASSAFRAS.—Selected bark is 5s. per lb.

SEEDS. — (Per cwt.) ANISE.—Cyprian, 175s.; Bulgarian, 170s., duty paid, CARAWAY.—Dutch quiet at 115s., duty paid.

CELERY.—Indian in poor demand at 187s. 6d. spot. CORIANDER.—Quiet, unchanged. Spot, Moroccan, 95s.; Rumanian, 75s.; Bulgarian or Polish, 65s. (all duty paid). Shipment, Moroccan, 67s. 6d., c.i.f. CUMIN.—Prices higher from origins.

Spot, Cyprian, 140s.; Iranian, 125s., in bond (130s. duty paid). Shipment, Cyprian, 137s. 6d. quoted, c.i.f. DILL.—Dearer for shipment. Spot quoted at 65s.

FENNEL.—Indian is 120s., spot. FENUGREEK.—Spot, Indian quoted at 70s. and Moroccan at 67s. 6d., duty paid. MUSTARD.—English, 60s. to 75s., according to quality.

SENEGA.—Spot is 18s. 6d. per lb. with shippers asking 18s., c.i.f.

SENNA. — *Timnevelly* LEAVES are short on the spot. A few prime No. 1 are available at 1s. 5d. per lb., market otherwise bare; PODS, f.a.q., 10d.; hand-picked, 1s. 3d. to 2s. *Alexandrian* pods available from 1s. 6d. to 3s. 6d. per lb., with hand-picked at from 4s. 6d. to 5s. 6d.

SHELLAC. — F.O.T.N., 235s. per cwt.; F.O. No. 1, 250s.; fine orange, 275s. to 330s.

SLIPPERY ELM.—Grinding quality bark is 2s. 6d. per lb.

SQUILL.—White is offered on the spot at 57s. to 62s. 6d.

STRAMONIUM.—Indian LEAVES are 70s. per cwt., and European 80s. on the spot.

STROPHANTHUS.—*Kombé* on the spot is 6s. 6d. per lb. for the 100 per cent.; *Gratus* is 11s. 3d., in bond.

STYRAX. — Spot quotations are 6s. 6d. per lb.

TONQUIN BEANS. — Para on the spot are offered at 10s. per lb.

TRAGACANTH.—No. 1 ribbon is £175 to £180 per cwt., No. 2, £150.

TURMERIC.—Madras finger on the spot is 77s. 6d. per cwt. with new-crop, April-May shipment at 60s., c.i.f.

VALERIAN ROOT. — Dutch for prompt shipment is 182s., c.i.f.

VANILLIN. — Rates (per lb.) are:—5-cwt. lots, 27s. 3d.; 1-cwt., 27s. 6d.; 56-lb., 27s. 9d.; smaller quantities, 28s.

WAXES. — (Per cwt.) BEES'.—Dar-es-

Salaam, spot, 605s., shipment, 570s., c.i.f.; Sudanese, 615s. duty paid and 520s., c.i.f. Abyssinian, spot, 580s., duty paid; April-May, 520s., c.i.f. CANDELILLA.—Spot is 550s. CARNAUBA.—Fatty grey, spot, 550s. per cwt.; for shipment, 560s., c.i.f. Prime yellow, spot, 1,160s.; shipment, 1,080s., c.i.f.

WITCH HAZEL LEAVES. — Spot supplies are 2s. 3d. per lb.; prompt shipment, 2s. 1d., c.i.f.

Essential and Expressed Oils

ALMOND.—British oil is 11s. per lb.; imported, 10s. 9d.

AMBER.—Rectified on the spot quoted at from 1s. 6d. per lb.

ANISE. — Chinese, 12s. 9d. per lb., spot; shipment, 12s. 7½d., c.i.f.

BAY. — West Indian is 12s. 6d. per lb. on the spot.

BERGAMOT. — Spot supplies are from 75s. per lb. and shipment from 73s. to 74s. 6d. per lb., c.i.f.

BIRCH TAR.—Rectified is about 14s. per lb. in 1-cwt. lots.

BOIS DE ROSE.—Brazilian is 26s. per lb. on the spot and 25s., c.i.f.

CADE. — Spanish is 3s. 6d. per lb. for drum lots.

CAJUPUT. — Spot supplies are from 10s. 6d. per lb.

CALAMUS.—Spot quotations are 62s. 6d. per lb.

CAMPHOR, WHITE. — Chinese is 2s. 4½d. per lb., duty paid.

CANANGA.—Spot is from 52s. to 56s. per lb.

CARAWAY. — English-distilled is offered at 55s. and imported from 28s. to 29s. per lb., duty paid.

CARDAMOM. — Price per lb. is from 350s. for English-distilled and from 267s. 6d. to 297s. 6d. for imported.

CASSIA. — Spot is offered at about 14s. per lb. with shipment, 13s. 6d., c.i.f.

CASTOR. — Minimum charge for home-produced B.P. oil on the spot is now dearer at £188 per ton naked ex mill.

CEDARWOOD.—1-cwt. lots of American are 7s. per lb., and Kenya, 4s. 6d.

CELERY SEED. — Oil is 100s. per lb. for bulk lots.

CHENOPodium. — Spot value is now 35s. per lb. for original containers.

CINNAMON. — From quillings, English-distilled is quoted at 30s. per oz. Ceylon leaf, crude, 14s. 6d. and rectified, 25s. per lb., spot.

CITRONELLA. — Ceylon, spot, 5s. 9d.; April shipment, 5s. 3d., c.i.f. Formosan, afloat, 7s. 3d., c.i.f., with June-August from 5s. 11d. to 6s. 3d. as to date. Spot is 7s. 6d. in bond.

CLOVE.—Madagascar leaf is 8s. 9d. per lb., duty paid and 7s. 3d., c.i.f. for shipment. Rectified B.P., 17s. 6d.; 87-88 per cent., 11s. 6d. Distilled bud oil, English, from 28s. 9d. to 35s. as to quantity.

COD-LIVER.—B.P. is 11s. 6d. per gall. in charged returnable drums. Veterinary is from 9s. 6d. per gall.

CORIANDER.—B.P. oil is quoted from 77s. 6d. to 85s. per lb.

CUBEB.—Spot supplies are offered at 45s. per lb.

CUMIN. — Quotations for English-distilled oil are about 102s. per lb. and imported 57s. 6d.

DILL.—B.P. English-distilled oil prices are nominal; imported from 36s. per lb.

EUCALYPTUS.—70 to 75 per cent. eucalyptol on the spot is 4s. 9d. per lb.; 80 to 85 per cent., 5s. 6d.

FENNEL.—Spanish sweet on the spot is quoted at 10s. per lb. with Russian at 22s. 6d.

GERANIUM.—Bourbon is from 110s. per lb. on the spot.

GINGER. — English-distilled oil is 205s. per lb. Imported: Jamaican, 167s. 6d. Chinese, 100s., duty paid.

GINGERGRASS. — Spot offers are from 27s. 6d. per lb.

HYATA. — Formosan, minimum 90 per cent. saffrole, 4s. 10½d. per lb., spot.

JUNIPER BERRY. — B.P.C. oil is from 12s. 6d. per lb. and Jugo-Slavian, 14s. on the spot. English-distilled is 155s. JUNIPER WOOD, from 5s.

LAVANDIN.—Spot is from 14s. to 16s. 6d. per lb. for original drums.

LAVENDER. — French oil is from 55s. to 80s. per lb. as to make.

LAVENDER SPIKE. — Spanish is offered from 12s. 9d. to 14s. per lb. on the spot.

LEMON.—Prices of B.P. oil (4 per cent. citral) vary greatly on the spot according to quality and range between 26s. and 37s. per lb. Californian, 28s. 6d. to 36s. 4d., c.i.f., as to quality, subject to licence.

LEMONGRASS.—Spot is 8s. 10½d. per lb. and prompt shipment, 8s. 6d., c.i.f.

LIME.—West Indian distilled is 45s. per lb. on the spot.

NUTMEG. — Imported B.P. oil is about 105s. per lb. English-distilled, 180s. nominal.

OLIVE.—New-crop on the spot is about 30s. per lb., ex wharf, for B.P.

ORANGE.—Spot quotations of sweet oil include Floridan at 4s. per lb.; Californian, 9s.; West Indian, 7s. 6d.; South African, 7s.; West African, 16s. 6d. F. shipment, proprietary brand California cold-pressed, U.S.P., 13s. 2d., c.i.f. Terpeneless is 200s. per lb., spot; and bitter 21s. 6d. per lb.

ORTO OF ROSE. — Turkish is £250 per kilo.

PALMAROSA.—East Indian, 47s. 6d., spot 41s. 6d., c.i.f.; Formosan, 40s.

PATCHOULI. — Penang is 38s. 6d., duty paid, and 34s. 6d., c.i.f.

PENNYROYAL. — Spot is quoted from 17s. 6d. per lb., duty paid.

PEPPERMINT. — *Arvensis*: Chinese 29s. per lb. on the spot and 28s. 6d., c.i.f. Brazilian, 19s., spot, and 18s., c.i.f. Formosan, May-June, 16s. 9d., c.i.f.; spot 20s. 3d. Italian "Mitcham"-type oil the spot is from 52s. 6d.; American, 3s. to 42s. 6d. as to origin.

PIMENTO. — English-distilled berry 185s. per lb.; imported, 75s. Rectified leaf, 27s. 6d. per lb. for small lots.

PINE.—*Pumilionis* on the spot is from 16s. per lb.; *sylvestris*, 25s.; Siberian (*abietis*), 12s. 6d. to 15s.

RUE. — Spot offers for small lots are now 17s. 6d. per lb.

SAGE.—Spanish is from 8s. 9d. to 9s. 6d. per lb. on the spot and Dalmatian, 3s.

SASSAFRAS. — Brazilian is 3s. 7½d. per lb., duty paid.

SPEARMINT. — Offers of U.S.P. grade are from 32s. to 34s. per lb. on the spot.

TANGERINE. — Spot supplies offered from 23s. to 36s. per lb. as to quality.

THYME. — Spot is from 10s., per lb. according to content.

VETIVER.—Spot is currently at about 95s. per lb.

UNITED STATES REPORT

NEW YORK, APRIL 16: QUININE SULPHATE strengthened in price to 28 cents per oz., up 2 cents. Bourbon VANILLA BEANS was lower at \$8.50 a lb. (down 25 cents). Among ESSENTIAL OILS, Ceylon CITRONELLA declined to 85 cents down 5 cents.

WORLD TRADE

West German Wharfage Charges. — Increases of between 20 and 25 per cent. in wharfage charges in West Germany's two principal seaports became effective on April 1.

Japanese Chemicals Export Target. — Japan has set herself an export target of 150 million dollars' worth of chemicals for the 1957-58 financial year, the Trade Ministry has announced, compared with a target of \$120 millions in 1956-57 (actual exports were only \$101 millions).

Chemical Exports From Germany. — West German exports of chemical products rose in 1956 to DM 3,900 millions, about 15 per cent. more than in 1955, according to final figures issued by the Association of the West German Chemical Industry. Exports of pharmaceutical goods rose by 25 per cent. to DM 348.5 millions.

Argentine Imports Ruling. — The Argentine Central Bank ruled on April 12 that from April 18 the clearance of imports payable through the exchange market is not being permitted unless the importer can prove that when obtaining credit he deposited 20 per cent. of the value of imported goods, other than truck chassis of six tons or over (100 per cent.); and spares for motor vehicles (50 per cent.).

Malay-Singapore Free Trade Area ? — An economic union or a free trade area between the neighbouring territories of Singapore Island and the Malaya Peninsula has been suggested by Dr. Frederic Benham (economic adviser to the Singapore Government). Singapore at present, he said, handled two-fifths of the Malaya Federation's imports and exports and would continue to do so because of its extensive port facilities.

Uruguay Linseed-oil Exchange Rate. — The Uruguayan Government has announced that the exchange rate for linseed oil will be 4.11 pesos to the dollar or the equivalent in other currencies, plus a subsidy of 35 centesimos per kilo. It has also announced the fixing for linseed cake, expeller and meal of an exchange rate of 85 per cent. at the official rate of 1.519 pesos to the dollar and 15 per cent. at the free market rate. The export of linseed is prohibited. The subsidy on exports of linseed oil and the ban on seed exports will be effective until December 1.

Spanish Exchange Rates Decree. — A Spanish Ministry of Commerce decree unifying exchange rates for commercial and financial operations was published on April 12. Under the decree all selling and buying of foreign currency is being executed via official and private banks at government-controlled exchanges in Madrid, Barcelona and Bilbao under effective Spanish free-market rates fixed by the Spanish Foreign Currency Institute. A second decree established the maintenance of a special import tax for certain imports. Earlier in the week a new government-controlled "free" rate of 42 pesetas to the dollar and *pro rata* for other currencies was announced.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," March 27

For photographic, cinematographic and optical instruments and apparatus (9)

APORONAR, 752,100, RONAR, 752,104, by Optische Werke G. Rodenstock, München, K.G., Munich, Germany.

For paper towels and non-medicated paper tissues (16)

Device with wording SOFT-WEVE, 755,855, by Scott Paper Co., Chester, Pennsylvania, U.S.A.

From the "Trade Marks Journal," April 3

For all goods (1)

MOBIL, B758,702, by Socony Mobil Oil Co., Inc., New York, U.S.A.

For chemical substances for use as photographic fixing agents (1)

PERFIX, B759,767, by May & Baker, Ltd., Dagenham, Essex.

For adhesives (1)

TRETOTAC, 761,368, by Tretol, Ltd., London, N.W.9.

For adhesive substances used in industry (1)

GORABOND, 761,901, by Gorma, Ltd., London, S.W.1.

For fertilisers (1)

SOLITONE, 761,639, by Albrin Products, London, E.15.

For catalysts (1)

THE OXYCAT, 761,695, by Oxy-Catalyst Co., Ltd., London, E.C.3.

For colouring matters (not for laundry or toilet purposes) and dyestuffs (not for toilet purposes) (2)

Device with word FELISOL, 759,807, by Ciba, Ltd., Basle, Switzerland.

For perfumes (3)

Device with words ARABIANA STAR, 721,639, by A. Boake, Roberts & Co., Ltd., London, E.15.

For soaps, shampoos, lotions, oils, tonics, washes and colouring matters, all for the hair (3)

ULTRASONIC, 754,781, by Hypersonics, Inc., Newburgh, New York, U.S.A.

For sachets and solutions, all for use in waving hair (3)

Device of the wording LUSTRON SPEED-WAVE, B758,762, by Sales Affiliates, Ltd., Borcham Wood, Herts.

For dentifrices; and preparations for cleaning artificial dentures (3)

CLENSADENT, B759,975, by Co-operative Wholesale Society, Ltd., Manchester.

For perfumes, toilet and cosmetic preparations, sachets for use in waving the hair, soaps, and essential oils (3)

Device, 761,006, by Yardley & Co., Ltd., London, E.15.

For cosmetic and non-medicated toilet preparations (3)

FORE, 761,200, by Marcel Georges Auguste Tenconi, London, S.W.1.

For preparations for destroying vermin (other than preparations for household purposes or for protecting textile or leather goods); and preparations for killing weeds (5)

TROX, 742,031, by Fisons Pest Control, Ltd., Bourn, Cambs.

For preparations for killing weeds and destroying vermin (5)

SELOX, 758,527, by Fisons Pest Control, Ltd., Bourn, Cambs.

For pharmaceutical preparations and substances (5)

Device, 752,626, by Smith, Kline & French International Co., Philadelphia, U.S.A. FOLSEDIN, 761,328, by Boots Pure Drug Co., Ltd., Nottingham. HALAURANT, 761,833, by Ayrton, Saunders & Co., Ltd., Liverpool.

For pharmaceutical preparations and substances for human use (5)

ENTABEX, 758,934, by Ciba, Ltd., Basle, Switzerland.

For pharmaceutical preparations and substances for human and veterinary use (5)

ETIPRELON, 761,823, by Ciba, Ltd., Basle, Switzerland.

For hormone preparations for use as metabolic stimulants (5)

CYNOMEL, 756,021, by Smith, Kline & French International Co., Philadelphia, U.S.A.

For laxatives (5)

TEMPO, 757,731, by Vick Chemical Co., Wilmington, Delaware, U.S.A.

For sanitary chemical substances for use as disinfectants and deodorants (5)

ROTOFLUSH, 757,967, by W. & F. Walker, Ltd., Kirkby, nr. Liverpool.

For pharmaceutical preparations for the treatment of anaemia and the like ailments (5)

TROPHAN, 758,144, by Union International Co., Ltd., London, E.C.1.

For vitamin preparations for pharmaceutical purposes (5)

GERIPLEX, 758,490, by Parke, Davis & Co., Detroit, U.S.A., and Hounslow, Middlesex.

For all goods (5)

REXPEL, 760,414, by Rexall Drug Co., Ltd., Loughborough, Leics. MEDAPSOL, 761,700, by Imperial Chemical Industries, Ltd., London, S.W.1. MILVONIQUE, 761,794, by Bayer Products, Ltd., Kingston-on-Thames, Surrey.

For antihistamine ointment for medical and veterinary use (5)

CALANTEX, 760,611, by C. J. Hewlett & Son, Ltd., Watford, Herts.

For insect repelling preparations for personal use and pharmaceutical preparations for insect stings (5)

ASTINGOL, 760,990, by Ayrton, Saunders & Co., Ltd., Liverpool.

For cinematographic films, etc. (9)

OOR WULLIE, 761,181, by D. C. Thomson & Co., Ltd., Dundee, Scotland.

For electrically heated blankets; and electrically heated pads for warming and airing beds (10)

VESTA, 751,297, by Thomas French & Sons, Ltd., Manchester, 15.

For medical and surgical appliances (10)

BELLEMORE, B759,028, by Desmond Ciaran James O'Connor, Dublin, Eire.

For industrial-chemical installations for the manufacture, storage and distribution of gases (11)

TONNOX, 754,885, by British Oxygen Gases, Ltd., London, S.W.1.

COMING EVENTS

Items for inclusion under this heading should be sent in to reach the Editor not later than first post on Wednesday of the week of insertion.

Wednesday, April 24

BEDFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, de Parys hotel, de Parys Avenue, Bedford, at 8 p.m. Annual meeting.

LIVERPOOL CHEMISTS' ASSOCIATION AND BRANCH, Crane theatre, Hanover Street, at 6.45 for 7.15 p.m. Performance by East Wavertree Players in aid of Pharmaceutical Society's Benevolent Fund.

TUNBRIDGE WELLS BRANCH, PHARMACEUTICAL SOCIETY. Meeting postponed.

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Green Man hotel, Catford, at 8 p.m. Benevolent Fund dance.

Thursday, April 25

BRADFORD BRANCH, PHARMACEUTICAL SOCIETY, Victoria hotel, at 7.45 p.m. Annual meeting.

THAMES VALLEY PHARMACEUTICAL SOCIETY, Kingston hotel, Kingston-on-Thames, at 7.45 p.m. Annual meeting. "Gadgets" (contributions from members).

WEST HAM ASSOCIATION OF PHARMACEUTISTS, Visit to Ilford, Ltd. (Cricklewood works). Coach picking up points: At 1.10 p.m., Barking (corner of Glenny Road and Longbridge Road); at 1.15 p.m., Ilford Lane (corner of Natal Road); at 1.20 p.m., Ilford Hill (between Broadway and police station); at 1.40 p.m., Stratford Broadway (outside Boardman's).

Friday, April 26

CROYDON PHARMACEUTISTS' ASSOCIATION AND BRANCH, Greyhound hotel, Croydon, at 8 p.m. Demonstration by a representative of Innox (England), Ltd.

PRINT AND PUBLICITY

COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies.

Sunday, April 28

LONDON: Meggezones cough syrup. Gayelord Hauser extra potency yeast tablets. Dentiline. MIDLAND: Milton, Brylcreem. NORTH: Brylcreem. ALL: Tru-gel, Gibbs' S.R. tooth-paste. Flatter-Glo. Saxin tablets. Max Factor products.

Monday, April 29

LONDON: Gibbs' S.R. Halex combs. MIDLAND: Vaseline hair cream. Milton, Brylcreem. Halex combs. Spratt's mixed ovals. NORTH: Brylcreem. Alka-Seltzer. Cephos. Horlicks. Air-wick. Spratt's mixed ovals.

Tuesday, April 30

LONDON: Vaseline hair cream. Brylcreem. Alka-Seltzer. Rosedale Lanospray. Horlicks. Air-wick. Dentiline. MIDLAND: Gibbs' S.R. Horlicks. Max Factor products. NORTH: Vaseline hair cream. Alka-Seltzer. ALL: Cussons' cold cream soap.

Wednesday, May 1

LONDON: Vaseline hair cream. Gibbs' S.R. Horlicks. Dr. Wernet's powder. MIDLAND: Tangee lipstick. Snowfire wave set. Air-wick. NORTH: Vaseline hair cream. Tangee lipstick. Cephos. ALL: Cussons' cold cream soap.

Thursday, May 2

LONDON: Tru-gel. Nervone. Rosedale Lanospray. MIDLAND: Vaseline hair cream. Gibbs' S.R. Rozalex barrier cream. NORTH: Gibbs' S.R. Dr. Wernet's powder. ALL: Saxin tablets. Cussons' cold cream soap.

Friday, May 3

LONDON: Air-wick. MIDLAND: Nervone. NORTH: Gibbs' S.R. Cephos. ALL: Saxin tablets.

Saturday, May 4

LONDON: Meggezones cough syrup. Gayelord Hauser extra potency yeast tablets. Silvikrin shampoo. Dentiline. Persomnia tablets. MIDLAND: Moorland indigestion tablets. Horlicks. Air-wick.



DISPLAY UNIT FOR DRESSINGS: As part of their spring campaign for Band-Aid first-aid dressings Johnson & Johnson (Gt. Britain), Ltd., Slough, Bucks, are supplying free of charge this wire display unit.



NORTH: Moorland indigestion tablets. Horlicks. Air-wick.

ALL: Vaseline hair cream. Vita-Glucose. Knight's Castile. Line-o-lin beer shampoo. Other products which are being currently advertised (but for which no day of showing has been notified) include: Swarfega antiseptic hand cleanser.

PUBLICATIONS

Price Lists

BENGUE & CO., LTD., Mount Pleasant, Alpertown, Wembley, Middlesex: Trade and retail. April. Pp. 6.

EVER-READY CO. (GREAT BRITAIN), LTD., Holloway, London, N.7: 1957 list as wall chart.



GEORGE T. GURR, LTD., 138 New King's Road London, S.W.6: Stains and reagents list E 1957.

VITAMINS, LTD., Upper Mall, London, W.6: 1957 list of pharmaceutical preparations with descriptive notes and therapeutic index.

Booklets and Leaflets

CHILEAN IODINE EDUCATIONAL BUREAU, Ropemaker Street, London, E.C.2: "Iodophors—Properties and Applications." Pp. 20.

TRUFOOD, LTD., 113 Newington Causeway, London, S.E.1: Trufood cereal food booklet. Contains recipes and section on children's diet.

C. & D. WEEKLY LIST OF PRICES

A=Advanced; R=Reduced; I.R.P.=Inclusive Retail Price; \$=Tax 15 per cent.; *=Tax 30 per cent.; †=Tax 90 per cent.

BENGER LABORATORIES, LTD. (from May 1)

Cardophylin tablets	20	15	0	R
	100	45	0	R
		Each		
	250	8	6	R
	1,000	29	0	R
	5,000	141	6	R

BURROUGHS WELLCOME & CO. I.R.P.

Vasylox dropper bottle	3	6	A
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COLGATE-PALMOLIVE, LTD. (from April 12)

Colgate dental cream*	1	10	A
	2	8	A

D. & W. GIBBS, LTD. (from April 23)

Gibbs' S.R. tooth-paste*	1	10	A
	2	8	A
Sunsilk shampoo bottle*	2	6	A
Pear's Nutrilin†	3	2	A
	5	6	A

PAINES & BYRNE, LTD. (from April 15)

Cc-K-Sal tablets	100	5	0	7	6	A
Climatone tablets	25	2	8	3	6	A
	100	8	8	11	6	A
	500	39	5	52	6	A

Khellanal suppositories

50 mgm.	6	4	8	7	0	A
	12	8	9	13	0	A
	50	32	0	48	0	A
	100	60	0	90	0	A
100 mgm.	6	5	6	8	3	A
	12	10	4	15	6	A
	50	39	0	58	6	A
	100	74	0	111	0	A
200 mgm.	6	7	2	10	9	A
	12	13	8	20	6	A
	50	53	0	79	6	A
	100	102	0	153	0	A

Thyrodex tablets

	100	4	0	6	0	A
	500	14	0	21	0	A
	1,000	24	0	36	0	A

VACCO, LTD. (purchase tax change)

Vaccco Master's tea flask	6	7	R
model S.C.	5	10	R
model H.P.	5	4	R
model Q.F.	11	8	R
model P.J.	17	3	R
model J.101	26	2	R

P.A.T.A. LIST

(Alterations notified this week by the Proprietary Articles Trade Association.)

MACLEANS, LTD. (from April 15)			
Macleans peroxide tooth-paste	Doz.	13	6
		19	7
		1	10
		2	8

Maclean indigestion powder	18	4	2	6	A
	27	6	3	9	A
tablets	11	0	1	6	A
	16	6	2	3	A
	29	4	4	0	A

SPARKLETS, LTD. (purchase tax change)

Sparklet syphons\$:-					
streamline model (silver grey)	696	0	86	0	R
(chromium)	790	6	97	6	R
Hostmaster model	540	0	67	0	R

VICK INTERNATIONAL, LTD. (from April 10)

Vick vapour rub*	16	6	2	3	A
	26	0	3	6	A
medicated lozenges	11	0	1	6	A
inhaler	16	6	2	3	A
Cetamum cough syrup	16	6	2	3	A

JOHN WYETH & BRO., LTD.

Petrolagar emulsion*	8 oz.	29	3	4	0	A
	16 oz.	51	4	7	0	A
with phenolphthalein*						
	4 oz.	29	3	4	0	A
	16 oz.	51	4	7	0	A

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Vasylox nasal spray	3	6
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C.T. LABORATORIES, LTD.

Caprex†	100	0	21	0
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Sparkling Spa magic foam bath*	16	8	2	6
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IMPERIAL CHEMICAL INDUSTRIES, LTD. (PHARMACEUTICALS DIVISION)

Sulmezil V tablets	25	123	0	15	4½
	100	468	0	58	6
	500	2,276	0	284	6

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Electric blankets\$:-					
type EA1213	147	0			
type EA1223	231	0			

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Bepanthen ampoules					
50 mgm. 1 c.c. 12	12	0			
500 mgm. 2 c.c. 6	15	0			
	50				
	110	0			

ointment

5 per cent. 30 gm.	5	6
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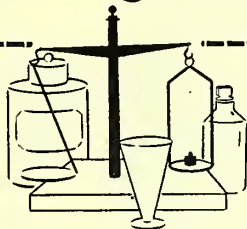
Tensilon ampoules*

10 mgm. 1 c.c. 6	12	0
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1 mil	7	6	
5 mls	35	0	

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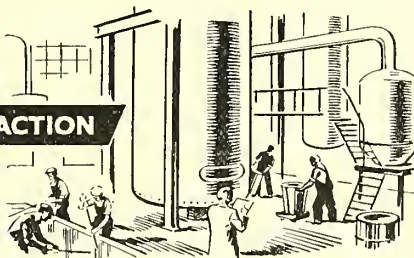
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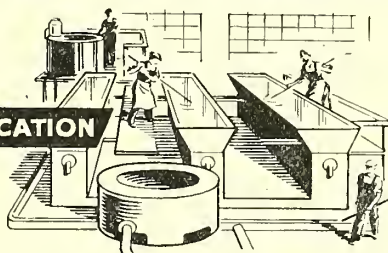
Grams: "TOILET" Coatbridge

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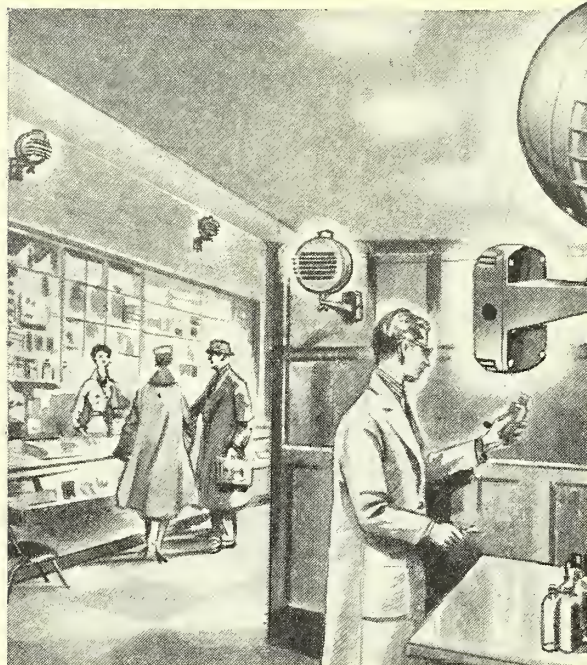


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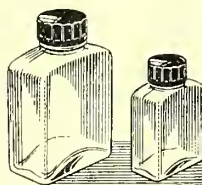
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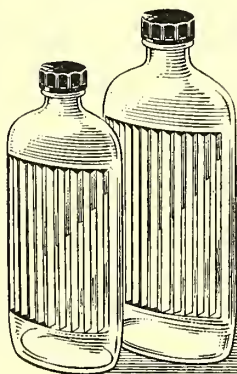
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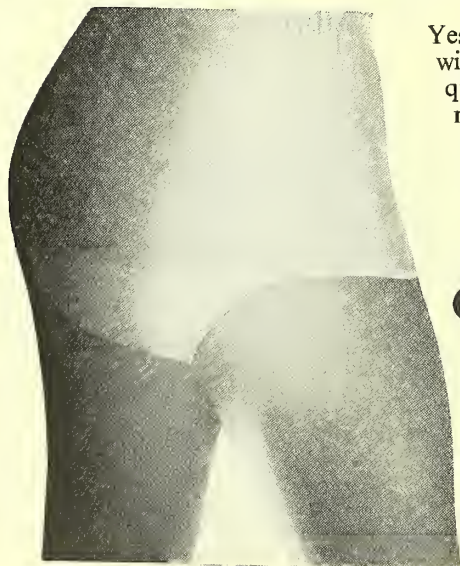


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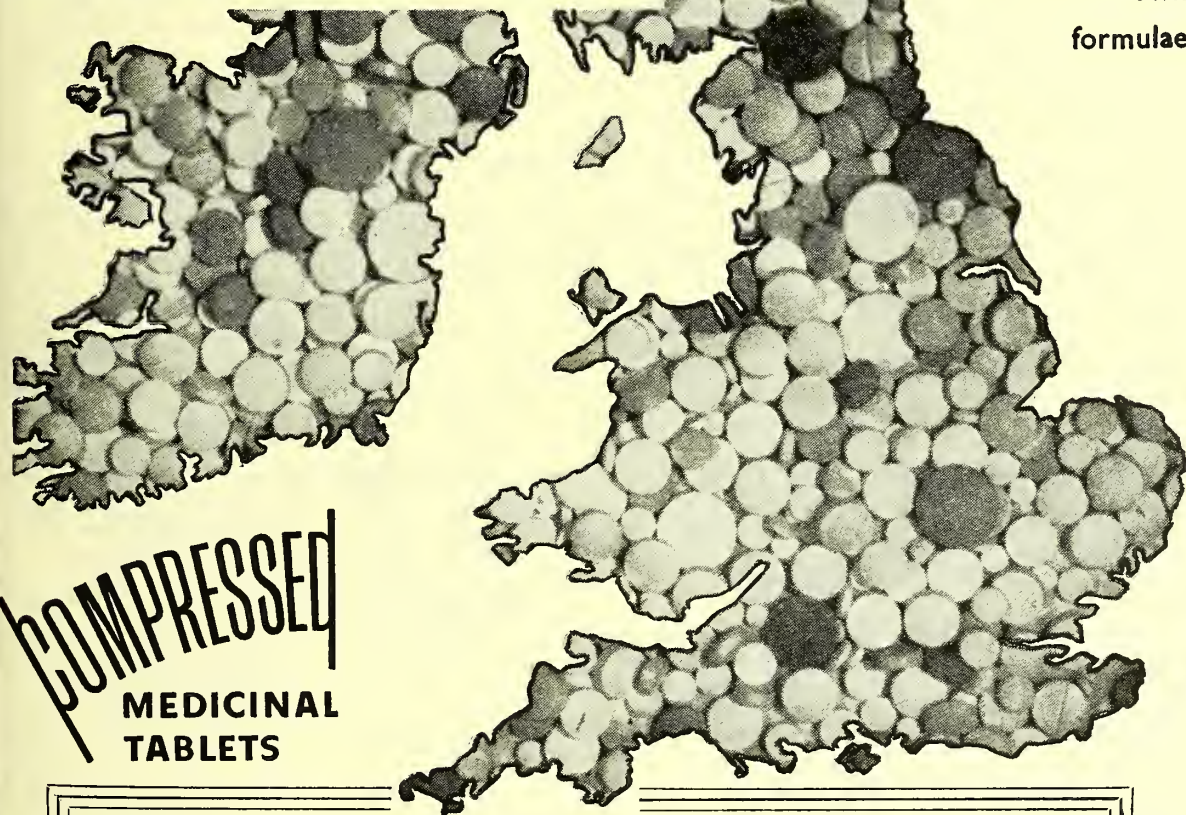
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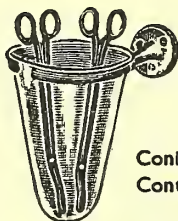
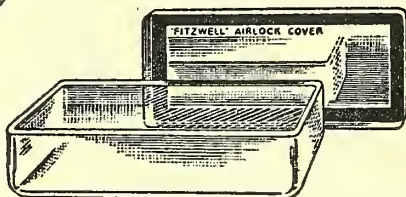
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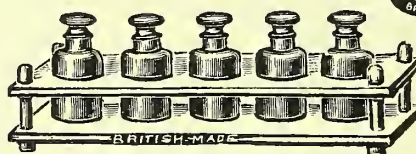
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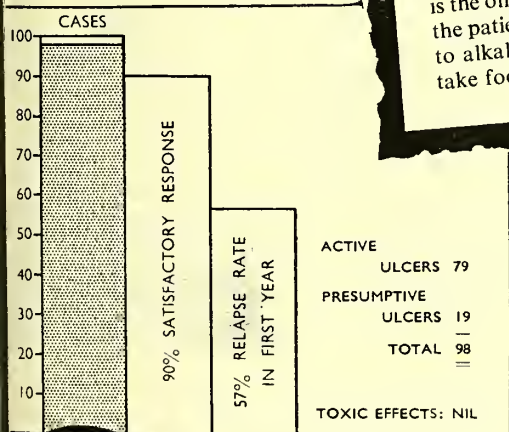
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response in 90%
of cases."

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"The immediate clinical results were assessed after the first month's treatment in four main groups: (A) pronounced relief (symptom free); (B) definite relief (minor symptoms with no pain); (C) doubtful relief (symptoms persisting but improved); (D) no relief.

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TABLE II

Group	Active Ulcers	Presumptive Ulcers	Totals
A	63 (79.6%)	17 (89.0%)	80 (81.7%)
B	8 (10.2%)	1 (5.5%)	9 (9.2%)
C	6 (7.6%)	1 (5.5%)	7 (7.1%)
D	2 (2.5%)	0 (—)	2 (2.0%)
TOTALS	79 (100%)	19 (100%)	98 (100%)

"Four of the nine cases in groups C and D have elected to go to surgery, and one of the remaining cases has a hiatus hernia as well as a duodenal ulcer. Experience of treating these 'Failures' over the past six years leads one to believe that no form of medical treatment will be effective and that surgery is the only hope of relieving their symptoms. In 75% of cases the patients were of the opinion that the tablets were superior to alkaline powders, and they found that they were able to take foods which they had avoided for years."

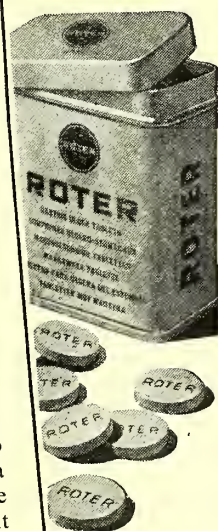
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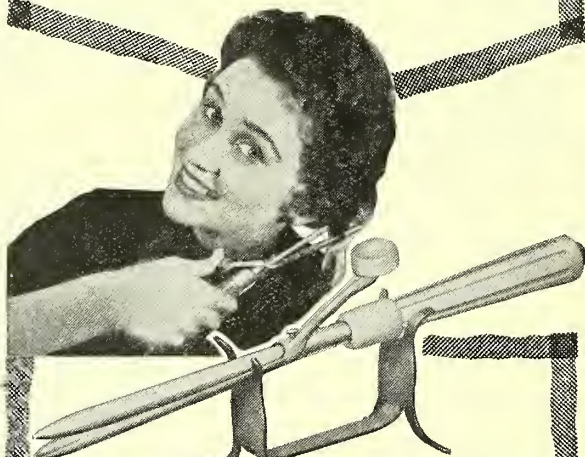


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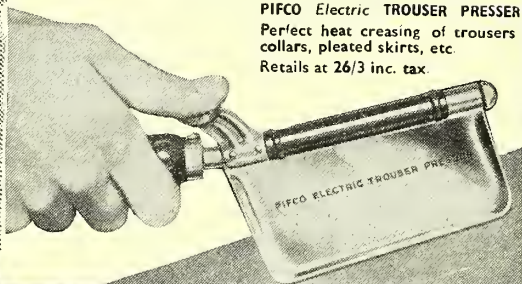
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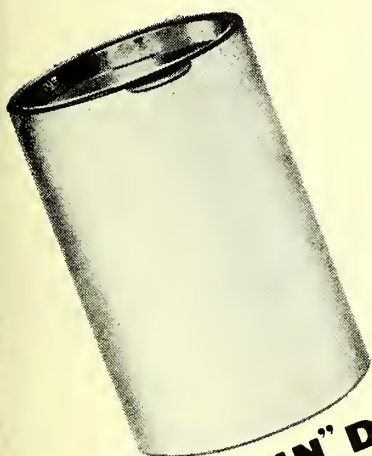
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Pharmacist
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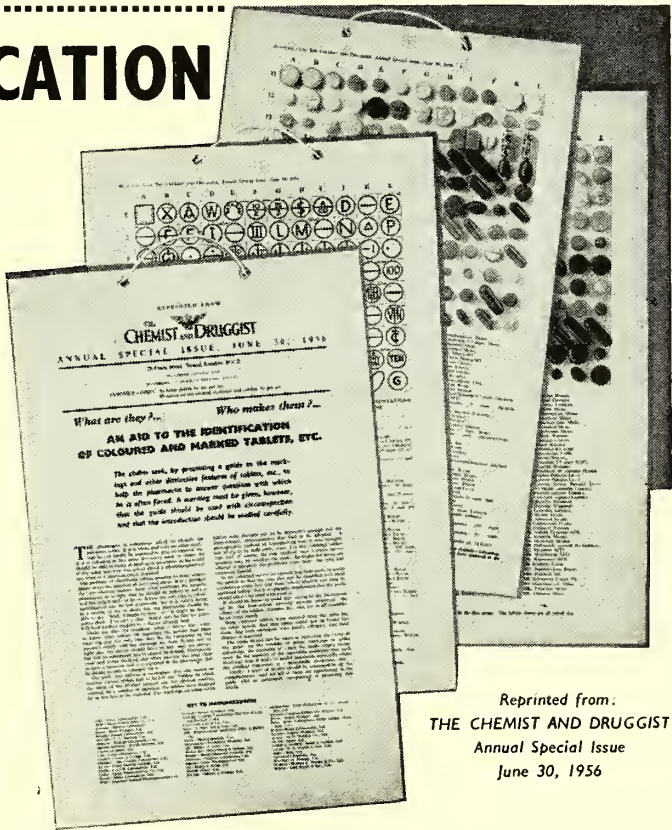
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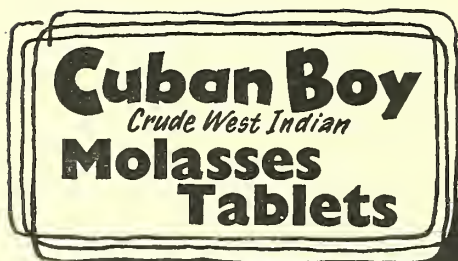
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